Date Printed: 04/02/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	12.8	15.9	18.3	19.5	3.12	5.50	6.69	2.38	3.58
01:00	11.5	14.6	17.1	18.2	3.09	5.59	6.74	2.50	3.66
02:00	13.8	15.4	15.7	15.9	1.62	1.91	2.09	.29	.47
03:00	13.8	14.8	14.9	15.0	.98	1.07	1.17	.10	.20
04:00	12.1	14.0	14.4	14.7	1.93	2.34	2.59	.42	.66
05:00	9.0	11.8	13.0	13.5	2.81	3.98	4.44	1.16	1.62
06:00	7.1	10.8	12.2	12.8	3.67	5.07	5.66	1.40	2.00
07:00	5.7	9.0	10.5	11.9	3.29	4.74	6.15	1.45	2.86
08:00	8.6	9.7	10.8	12.3	1.13	2.21	3.74	1.08	2.61
09:00	13.9	13.7	13.6	13.5	-.21	-.30	-.37	-.09	-.16
10:00	15.9	15.3	14.8	14.6	-.62	-1.06	-1.34	-.44	-.72
11:00	17.1	16.2	15.8	15.6	-.85	-1.26	-1.51	-.41	-.66
12:00	18.4	17.4	16.9	16.7	-1.01	-1.46	-1.68	-.45	-.67
13:00	19.6	18.5	18.1	17.9	-1.09	-1.54	-1.69	-.45	-.60
14:00	20.7	19.7	19.3	19.1	-1.07	-1.46	-1.61	-.40	-.55
15:00	21.6	20.8	20.4	20.2	-.83	-1.22	-1.37	-.39	-.54
16:00	22.3	21.6	21.2	21.1	-.76	-1.12	-1.28	-.35	-.52
17:00	22.4	21.9	21.6	21.5	-.46	-.75	-.90	-.29	-.44
18:00	22.0	22.0	21.8	21.7	-.01	-.23	-.34	-.22	-.33
19:00	20.4	21.5	21.4	21.4	1.04	.99	.93	-.06	-.11
20:00	15.8	19.1	19.8	20.4	3.29	3.96	4.55	.67	1.26
21:00	13.7	16.1	17.4	18.8	2.38	3.69	5.07	1.31	2.68
22:00	11.5	14.2	15.7	17.8	2.74	4.22	6.33	1.48	3.59
23:00	9.7	12.7	13.7	16.7	3.02	4.01	7.02	.99	4.00
Avg	15.0	16.1	16.6	17.1	1.13	1.62	2.13	.49	1.00
Max	22.4	22.0	21.8	21.7	3.67	5.59	7.02	2.50	4.00
Hr. of Max	17	18	18	18	06	01	23	01	23
Min	5.7	9.0	10.5	11.9	-1.09	-1.54	-1.69	-.45	-.72
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	5.0	3.9	7.6	14.3	59.9	45.4	6.7	6.1	0.00562
01:00	4.9	4.3	7.1	14.0	64.7	51.1	6.6	6.3	0.005553
02:00	2.0	.3	6.0	13.8	46.3	36.4	5.4	4.8	0.004578
03:00	-.3	-1.4	4.4	13.5	38.3	33.4	4.6	4.2	0.003836
04:00	-.6	-2.1	3.7	13.3	42.3	33.3	4.5	4.0	0.003768
05:00	.1	-1.2	3.1	13.0	54.1	41.2	4.7	4.3	0.003925
06:00	.7	-.5	2.8	12.8	64.1	46.0	5.0	4.5	0.004087
07:00	.9	-.2	2.5	12.5	71.5	52.9	5.1	4.6	0.004142
08:00	2.1	.6	4.3	12.2	64.9	53.6	5.5	4.9	0.004544
09:00	1.4	-.5	5.6	12.0	43.9	38.5	5.2	4.5	0.004358
10:00	.1	-1.0	5.4	12.1	34.8	33.3	4.7	4.3	0.003968
11:00	-.6	-1.8	5.3	12.4	30.6	29.6	4.4	4.1	0.003763
12:00	-3.6	-5.1	3.8	12.9	22.9	21.7	3.6	3.2	0.003054
13:00	-3.3	-4.9	4.3	13.6	21.6	20.6	3.6	3.3	0.003115
14:00	-4.4	-6.0	4.0	14.4	18.7	17.7	3.4	3.0	0.002893
15:00	-5.6	-7.1	3.4	15.2	16.2	15.2	3.1	2.7	0.002644
16:00	-5.2	-7.0	4.0	15.6	16.0	14.6	3.2	2.8	0.002739
17:00	-5.0	-6.8	4.1	15.9	16.2	14.6	3.2	2.8	0.002762
18:00	-5.0	-6.5	4.0	16.2	16.6	14.8	3.2	2.9	0.002775
19:00	-4.2	-6.6	4.0	16.3	19.4	15.2	3.4	2.9	0.002929
20:00	-2.6	-5.9	3.5	16.2	28.9	18.7	3.9	3.0	0.003262
21:00	-2.0	-2.0	3.2	15.9	34.4	29.7	4.0	4.0	0.003392
22:00	-.6	-1.2	3.4	15.6	44.0	35.3	4.5	4.3	0.003739
23:00	.1	-.5	3.3	15.2	52.0	40.8	4.7	4.5	0.003922
Avg	-1.1	-2.5	4.3	14.1	38.4	31.4	4.4	4.0	0.003724
Max	5.0	4.3	7.6	16.3	71.5	53.6	6.7	6.3	0.00562
Hr. of Max	00	01	00	19	07	08	00	01	00
Min	-5.6	-7.1	2.5	12.0	16.0	14.6	3.1	2.7	0.002644
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	0.005213	8.8	8.2	.00	29.01	982.5	-2.5	.00	34.8
01:00	0.005364	8.7	8.4	.00	29.03	983.0	-2.4	.00	59.9
02:00	0.004045	7.2	6.4	.00	29.05	983.7	-1.9	.00	58.2
03:00	0.00356	6.0	5.6	.00	29.06	984.0	-1.6	.00	54.8
04:00	0.003369	5.9	5.3	.00	29.07	984.4	-1.9	.00	48.9
05:00	0.003607	6.2	5.7	.00	29.10	985.4	-1.7	.00	52.1
06:00	0.00376	6.4	5.9	.00	29.12	986.2	-1.7	.00	113.0
07:00	0.003836	6.5	6.1	.00	29.15	987.1	18.7	.03	253.0
08:00	0.004059	7.2	6.4	.00	29.18	988.0	199.0	.29	90.8
09:00	0.003789	6.9	6.0	.00	29.19	988.5	442.5	.63	72.3
10:00	0.003647	6.3	5.8	.00	29.20	988.8	652.0	.93	73.6
11:00	0.003444	5.9	5.4	.00	29.21	989.1	817.3	1.17	88.1
12:00	0.002711	4.8	4.3	.00	29.21	989.2	923.8	1.32	89.4
13:00	0.002767	4.9	4.4	.00	29.19	988.7	958.5	1.37	109.2
14:00	0.002556	4.6	4.0	.00	29.17	987.9	943.6	1.35	106.1
15:00	0.002351	4.2	3.7	.00	29.16	987.5	857.1	1.23	78.9
16:00	0.00238	4.3	3.8	.00	29.15	987.1	713.0	1.02	103.9
17:00	0.002421	4.4	3.8	.00	29.14	986.9	378.2	.54	92.6
18:00	0.002479	4.4	3.9	.00	29.14	986.7	221.6	.32	80.8
19:00	0.002456	4.6	3.9	.00	29.14	986.9	59.4	.09	129.6
20:00	0.002584	5.2	4.1	.00	29.16	987.4	-1.8	.00	38.7
21:00	0.003415	5.4	5.4	.00	29.18	988.1	-2.4	.00	68.5
22:00	0.003599	5.9	5.7	.00	29.19	988.5	-2.4	.00	94.6
23:00	0.003762	6.2	5.9	.00	29.19	988.7	-2.4	.00	57.2
Avg	0.003382	5.9	5.3	.00	29.14	986.8	298.4	.43	78.0
Max	0.005364	8.8	8.4	.00	29.21	989.2	958.5	1.37	253.0
Hr. of Max	01	00	01	23	12	12	13	13	07
Min	0.002351	4.2	3.7	.00	29.01	982.5	-2.5	.00	34.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	291.9	328.0	19.1	323.3	57.5	32.0	36.4	.2	.8
01:00	37.3	33.7	69.0	28.0	52.9	15.8	10.9	.8	3.7
02:00	52.2	49.4	60.6	45.1	29.2	15.2	9.3	3.6	8.3
03:00	46.9	42.9	57.0	38.1	33.8	17.4	11.7	2.8	6.6
04:00	38.9	37.1	50.6 +	31.5	34.2	15.3	7.3	1.9	5.3
05:00	49.5	49.9	57.4	45.3	41.6	12.3	11.0	1.0	3.3
06:00	27.3	18.2	118.3	12.5	54.5	25.8	14.8	.4	3.2
07:00	25.9	49.7	235.2	43.8	54.0	47.2	25.2	.2	.3
08:00	37.7	11.2	128.9	5.0	63.0	25.8	12.7	.2	1.0
09:00	47.8	39.9	76.3	35.6	30.8	27.2	22.0	2.8	3.4
10:00	67.8	65.2	75.2	61.7	27.9	21.9	16.8	4.6	6.0
11:00	83.2	80.1	89.7	76.4	23.3	20.1	17.7	6.4	7.2
12:00	87.0	83.8	90.9	80.1	22.8	18.7	16.8	6.5	7.5
13:00	111.0	108.2	111.5	105.3	24.3	22.0	19.6	6.1	6.9
14:00	106.9	104.7	108.8	102.2	23.5	23.1	22.4	7.2	8.1
15:00	75.3	73.6	82.2	69.4	43.6	34.0	29.7	4.3	5.1
16:00	100.4	98.1	106.4	94.9	34.3	34.5	31.1	4.6	5.1
17:00	93.0	91.0	93.5	87.0	25.2	28.9	24.4	4.1	4.6
18:00	81.0	80.5	82.1	76.4	31.4	22.5	19.1	3.1	4.6
19:00	129.2	126.7	133.2	124.8	21.9	16.1	16.6	3.0	4.0
20:00	88.7	117.4	46.9	115.0	53.2	26.2	17.4	.2	.9
21:00	49.6	64.6	76.2	60.9	26.6	12.3	5.1	.9	2.0
22:00	58.7	54.3	102.8	50.0	41.6	11.3	7.5	.4	1.6
23:00	65.7	27.8	62.7	21.2	57.1	15.3	16.2	.5	1.0
Avg	65.0	62.0	84.0	58.0	37.8	22.5	17.6	.0	.0
Max	291.9	328.0	235.2	323.3	63.0	47.2	36.4	7.2	8.3
Hr. of Max	00	00	07	00	08	07	00	14	02
Min	25.9	11.2	19.1	5.0	21.9	11.3	5.1	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	1.6	.6	1.3	2.0	1.0	2.3	3.6	.4	.06
01:00	6.5	1.0	4.0	6.8	1.3	7.2	3.8	1.5	.08
02:00	11.8	4.0	8.6	12.0	4.5	12.6	.5	-.1	-.18
03:00	9.5	3.2	6.9	9.7	3.8	10.3	1.4	1.4	-.09
04:00	8.0	2.1	5.4	8.0	2.4	8.5	-.1	-.1	-.10
05:00	4.9	1.2	3.6	5.2	1.6	5.6	4.4	.9	.12
06:00	6.0	.5	3.4	6.2	1.0	6.6	4.3	3.1	.09
07:00	1.2	.4	.5	1.6	.7	2.0	2.0	-.5	.02
08:00	2.7	.4	1.2	2.8	.8	3.1	3.3	.5	.05
09:00	4.2	3.2	4.0	4.8	3.8	5.4	1.6	5.7	.04
10:00	7.4	5.0	6.4	7.7	5.7	8.3	2.5	1.9	.04
11:00	8.0	6.8	7.7	8.4	7.5	9.0	1.4	5.1	.08
12:00	8.1	7.0	8.0	8.5	7.6	9.1	-.5	-.3	-.18
13:00	7.6	6.7	7.5	8.1	7.7	8.8	.6	-1.5	.01
14:00	8.9	7.8	8.8	9.6	8.9	10.4	.7	1.9	-.01
15:00	5.6	5.2	5.9	6.3	5.8	7.0	-3.6	-.1	-.34
16:00	5.8	5.1	5.8	6.4	5.9	7.1	1.5	2.3	.09
17:00	5.1	4.4	5.1	5.5	5.0	6.0	-1.2	-1.4	-.15
18:00	5.4	3.5	5.0	5.8	4.0	6.2	2.8	-.8	.03
19:00	4.7	3.3	4.3	5.1	4.1	5.6	3.3	3.3	.18
20:00	2.1	.4	1.2	2.3	.7	2.7	4.7	.6	.09
21:00	3.7	1.0	2.0	3.7	1.3	4.0	1.9	.2	.04
22:00	3.4	.5	1.7	3.4	.9	3.7	3.6	-.1	.07
23:00	1.4	.6	1.1	1.5	.9	1.9	1.6	1.0	.03
Avg	.0	3.1	4.6	5.9	3.6	6.4	1.8	1.0	.00
Max	11.8	7.8	8.8	12.0	8.9	12.6	4.7	5.7	.18
Hr. of Max	02	14	14	02	14	02	20	09	19
Min	1.2	.4	.5	1.5	.7	1.9	-3.6	-1.5	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/1/2015

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	-.01	2.3	3.9	7.3	2.4	8.3	16.4	17.4
01:00	.10	7.1	11.4	15.8	7.2	16.6	19.2	7.4
02:00	-.13	17.2	20.8	24.5	18.5	22.8	20.8	7.4
03:00	.11	12.8	19.0	21.1	13.1	20.9	22.0	9.6
04:00	-.10	8.7	12.4	18.3	8.6	15.6	16.0	6.0
05:00	.10	7.8	10.5	13.1	5.7	15.2	14.9	5.6
06:00	.31	3.7	13.5	18.3	4.7	12.2	17.2	7.8
07:00	.02	1.8	2.1	4.6	2.2	4.9	7.4	5.1
08:00	.03	2.5	4.8	7.1	2.6	7.9	12.6	5.6
09:00	.51	10.1	14.7	12.4	12.1	13.4	20.2	16.3
10:00	.09	12.6	14.0	13.5	13.2	15.8	20.7	15.6
11:00	.74	16.3	17.2	16.3	16.5	17.3	15.5	15.9
12:00	-.13	13.3	17.9	16.0	14.3	16.2	15.2	15.7
13:00	-.21	17.9	16.5	18.3	18.1	18.1	15.1	15.4
14:00	.32	19.5	18.3	18.8	19.1	18.8	13.2	14.2
15:00	.09	18.3	14.9	15.6	15.4	16.7	19.5	21.8
16:00	.16	14.2	16.7	15.3	15.2	16.9	18.7	20.6
17:00	-.15	12.1	14.2	15.8	13.2	14.9	16.5	18.5
18:00	-.14	11.7	11.7	12.1	11.4	13.0	19.7	14.1
19:00	.20	7.8	9.6	9.2	9.0	9.5	12.5	11.8
20:00	.00	2.5	7.8	8.9	2.7	7.8	14.2	9.6
21:00	.03	2.7	4.1	6.4	3.0	6.7	6.2	2.8
22:00	.00	2.7	3.7	8.7	3.3	6.3	8.2	3.4
23:00	.04	2.5	2.7	3.2	2.9	3.5	7.1	7.0
Avg	.08	9.5	11.8	13.4	9.8	13.3	15.4	11.4
Max	.74	19.5	20.8	24.5	19.1	22.8	22.0	21.8
Hr. of Max	11	14	02	02	14	02	03	15
Min	-.21	1.8	2.1	3.2	2.2	3.5	6.2	2.8
Count	24	24	24	24	24	24	24	24
Total								