Date Printed: 10/31/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/30/2014

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	5.6	7.2	7.7	8.5	1.60	2.05	2.86	.45	1.27
01:00	4.9	6.1	6.7	7.9	1.24	1.81	2.98	.57	1.73
02:00	4.3	5.8	6.2	6.6	1.46	1.84	2.27	.38	.81
03:00	4.2	5.3	5.4	5.8	1.04	1.21	1.54	.17	.49
04:00	4.5	4.7	4.9	5.5	.24	.38	.98	.15	.75
05:00	4.0	4.0	4.4	5.4	.01	.39	1.40	.38	1.39
06:00	3.4	3.4	3.7	4.8	.00	.36	1.44	.36	1.44
07:00	2.8	2.7	3.0	3.5	-.08	.20	.73	.27	.81
08:00	2.7	2.5	2.7	4.0	-.19	-.03	1.23	.16	1.42
09:00	5.2	4.8	4.8	5.5	-.44	-.47	.32	-.03	.76
10:00	8.7	7.6	7.3	7.6	-1.09	-1.42	-1.13	-.33	-.04
11:00	11.1	9.4	10.0	9.7	-1.66	-1.09	-1.40	.57	.26
12:00	13.2	12.1	12.3	12.2	-1.09	-.87	-.95	.23	.14
13:00	15.1	14.1	13.8	13.7	-.98	-1.29	-1.38	-.31	-.40
14:00	16.0	15.1	14.8	14.6	-.89	-1.23	-1.38	-.34	-.49
15:00	16.4	15.5	15.2	15.1	-.85	-1.17	-1.31	-.32	-.45
16:00	16.6	16.0	15.7	15.6	-.61	-.94	-1.07	-.33	-.46
17:00	16.2	16.0	15.7	15.6	-.21	-.46	-.59	-.25	-.38
18:00	12.5	14.2	14.9	15.2	1.69	2.35	2.61	.66	.93
19:00	9.6	11.8	12.7	13.4	2.22	3.16	3.86	.93	1.63
20:00	8.2	10.3	11.0	12.1	2.13	2.87	3.92	.74	1.79
21:00	7.1	9.1	10.2	11.3	2.06	3.14	4.27	1.08	2.21
22:00	6.3	8.3	9.0	10.2	2.08	2.79	3.92	.70	1.84
23:00	5.2	7.1	7.8	9.1	1.90	2.65	3.95	.75	2.05
Avg	8.5	8.9	9.2	9.7	.40	.68	1.21	.28	.81
Max	16.6	16.0	15.7	15.6	2.22	3.16	4.27	1.08	2.21
Hr. of Max	16	17	17	17	19	19	21	21	21
Min	2.7	2.5	2.7	3.5	-1.66	-1.42	-1.40	-.34	-.49
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/30/2014

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	4.7	6.2	5.0	16.0	94.2	94.3	6.6	7.4	0.005415
01:00	4.0	5.3	4.3	15.7	94.5	94.9	6.3	6.9	0.005152
02:00	3.4	5.0	3.7	15.5	94.4	95.5	6.1	6.8	0.00495
03:00	3.4	4.5	3.6	15.2	94.8	95.6	6.1	6.6	0.004933
04:00	3.7	4.0	4.0	14.9	95.5	95.9	6.2	6.4	0.005067
05:00	3.2	3.3	3.5	14.7	95.5	95.9	6.0	6.1	0.004891
06:00	2.6	2.7	2.9	14.5	95.5	95.9	5.8	5.8	0.004679
07:00	2.0	2.0	2.3	14.4	95.5	95.9	5.6	5.6	0.004483
08:00	2.0	1.9	2.3	14.2	95.6	96.0	5.5	5.5	0.004475
09:00	4.0	3.7	4.4	14.0	92.4	93.2	6.3	6.2	0.005155
10:00	5.1	4.3	6.3	13.9	79.0	80.1	6.8	6.4	0.005596
11:00	4.2	2.8	6.5	14.0	63.5	64.1	6.3	5.8	0.005275
12:00	2.4	1.2	6.0	14.1	48.8	47.9	5.6	5.1	0.004658
13:00	2.4	1.5	6.7	14.3	43.1	43.0	5.5	5.2	0.004674
14:00	2.9	2.3	7.3	14.7	42.1	42.8	5.7	5.5	0.004837
15:00	2.8	2.1	7.3	15.2	41.0	40.9	5.7	5.4	0.004823
16:00	2.8	2.0	7.4	15.5	40.1	39.5	5.6	5.4	0.004799
17:00	3.0	2.1	7.4	15.6	42.2	39.9	5.8	5.4	0.004899
18:00	5.4	3.9	7.7	15.7	62.6	50.7	6.8	6.1	0.005728
19:00	5.9	4.8	7.1	15.7	78.7	63.2	7.1	6.6	0.005927
20:00	5.6	5.3	6.5	15.6	84.6	71.9	7.0	6.8	0.005803
21:00	5.0	5.3	5.7	15.4	87.7	77.5	6.8	6.8	0.005579
22:00	4.7	5.1	5.2	15.2	90.6	80.9	6.6	6.8	0.005447
23:00	3.8	4.6	4.3	15.0	91.9	85.0	6.3	6.6	0.005117
Avg	3.7	3.6	5.3	15.0	76.8	74.2	6.2	6.1	0.005098
Max	5.9	6.2	7.7	16.0	95.6	96.0	7.1	7.4	0.005927
Hr. of Max	19	00	18	00	08	08	19	00	19
Min	2.0	1.2	2.3	13.9	40.1	39.5	5.5	5.1	0.004475
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/30/2014

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	0.00605	8.5	9.5	.00	29.19	988.5	-2.0	.00	253.0
01:00	0.005646	8.1	8.9	.00	29.19	988.4	-2.4	.00	248.0
02:00	0.005545	7.8	8.7	.00	29.18	988.4	-2.5	.00	62.8
03:00	0.005353	7.8	8.4	.00	29.18	988.3	-2.6	.00	345.9
04:00	0.005175	8.0	8.2	.00	29.18	988.4	-3.6	-.01	260.7
05:00	0.004915	7.7	7.7	.00	29.19	988.5	-2.9	.00	236.1
06:00	0.004699	7.4	7.4	.01	29.20	988.7	-2.2	.00	250.6
07:00	0.004477	7.1	7.1	.00	29.20	988.9	-1.0	.00	242.0
08:00	0.00443	7.1	7.0	.00	29.21	989.3	71.6	.10	223.1
09:00	0.005039	8.1	8.0	.00	29.21	989.3	283.2	.41	138.0
10:00	0.00527	8.8	8.3	.00	29.21	989.3	470.5	.67	193.9
11:00	0.004758	8.3	7.5	.00	29.21	989.1	598.6	.86	170.3
12:00	0.004253	7.3	6.7	.00	29.19	988.6	675.7	.97	128.2
13:00	0.004375	7.4	6.9	.00	29.17	987.7	706.0	1.01	202.0
14:00	0.004641	7.6	7.3	.00	29.13	986.5	664.5	.95	121.4
15:00	0.004561	7.6	7.2	.00	29.11	985.7	566.6	.81	141.6
16:00	0.004544	7.5	7.1	.00	29.10	985.4	398.8	.57	188.0
17:00	0.004579	7.7	7.2	.00	29.09	985.3	210.1	.30	185.6
18:00	0.005187	9.0	8.1	.00	29.09	985.3	25.7	.04	317.9
19:00	0.005519	9.3	8.7	.00	29.10	985.5	-2.5	.00	301.7
20:00	0.005694	9.1	8.9	.00	29.10	985.6	-2.7	.00	341.0
21:00	0.00567	8.8	8.9	.00	29.10	985.6	-2.4	.00	340.5
22:00	0.005608	8.6	8.8	.00	29.10	985.6	-2.3	.00	.2
23:00	0.005399	8.0	8.5	.00	29.11	985.7	-2.2	.00	265.4
Avg	0.005058	8.0	8.0	.00	29.16	987.4	193.3	.28	232.0
Max	0.00605	9.3	9.5	.01	29.21	989.3	706.0	1.01	345.9
Hr. of Max	00	19	00	06	11	10	13	13	03
Min	0.004253	7.1	6.7	.00	29.09	985.3	-3.6	-.01	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/30/2014

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	235.6	200.9	264.1	206.6	54.2	61.6	48.9	.2	.6
01:00	196.2	186.0	259.8	203.2	42.3	34.0	34.0	.6	.6
02:00	56.1	59.2	3.1	54.8	42.2	20.9	11.7	.1	.9
03:00	59.1	60.2	330.1	54.9	31.4	20.3	8.9	.1	.8
04:00	43.1	37.7	277.0	30.0	41.1	17.7	14.2	.1	.8
05:00	49.9	29.5	262.4	19.5	52.7	9.0	13.3	.4	.7
06:00	58.0	52.7	264.4	45.6	50.0	22.8	10.1	.5	.4
07:00	191.0	131.3	250.0	142.1	13.5	32.6	22.3	1.5	1.0
08:00	301.3	267.0	240.4	271.6	27.0	46.6	22.4	.4	.3
09:00	59.5	15.8	153.5	9.3	31.2	35.9	31.9	.6	.6
10:00	197.6	186.9	201.5	189.1	21.3	24.0	27.5	2.0	2.0
11:00	175.4	175.6	174.4	175.5	46.0	38.7	31.2	1.2	1.4
12:00	150.0	156.2	134.9	159.9	60.0	53.1	62.2	1.2	1.1
13:00	208.7	200.5	209.9	199.9	48.4	54.4	55.8	1.8	1.9
14:00	114.2	107.3	120.7	100.2	66.3	63.6	62.9	1.5	1.5
15:00	150.6	150.5	146.8	150.5	27.4	24.8	25.8	2.9	3.3
16:00	198.0	194.7	194.8	196.9	39.0	39.9	40.0	2.4	2.5
17:00	195.2	193.5	191.9	194.9	25.4	20.5	20.4	2.4	2.9
18:00	74.8	123.4	303.9	122.0	46.9	25.0	21.1	.3	.5
19:00	228.4	147.4	300.1	149.7	33.0	33.8	23.7	.6	.1
20:00	68.6	66.0	344.3	51.2	52.6	51.1	42.5	.3	1.1
21:00	338.9	24.9	337.2	19.4	28.6	22.5	20.3	.2	.6
22:00	49.6	54.5	6.5	50.7	49.5	30.5	14.5	.5	.9
23:00	223.0	27.2	261.7	21.7	29.8	36.6	44.4	.7	.6
Avg	137.0	116.0	250.0	114.0	40.0	34.2	29.6	.0	.0
Max	338.9	267.0	344.3	271.6	66.3	63.6	62.9	2.9	3.3
Hr. of Max	21	08	20	08	14	14	14	15	15
Min	43.1	15.8	3.1	9.3	13.5	9.0	8.9	.1	.1
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)

10/30/2014

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	.3	.6	.3	.8	.9	2.8	-.5	.03
01:00	.2	1.0	1.2	1.2	1.6	1.8	1.4	.7	.04
02:00	1.6	.1	1.0	1.6	.5	2.2	2.3	-.4	.04
03:00	1.1	.3	.9	1.1	.8	1.7	2.3	-.2	.03
04:00	1.4	.2	.8	1.5	.8	2.1	1.6	-.2	.03
05:00	1.1	.4	.7	1.1	1.0	1.7	.7	.9	.02
06:00	1.5	.8	.5	1.5	1.3	2.1	-.3	.0	-.01
07:00	.2	1.5	1.1	.9	2.1	1.5	-.5	.6	-.04
08:00	.2	.5	.4	.3	1.1	.9	.9	1.4	.02
09:00	1.9	.7	.9	2.1	1.3	2.7	8.5	-.2	.28
10:00	1.8	2.1	2.2	1.9	2.7	2.5	.5	1.6	.04
11:00	1.6	1.9	2.1	2.0	2.6	2.8	1.0	-6.7	.01
12:00	.7	1.7	1.6	1.1	2.4	2.2	-9.6	-20.6	-.28
13:00	1.5	2.5	2.4	2.1	3.2	2.9	2.7	9.2	.18
14:00	1.5	2.8	2.7	2.7	3.6	3.6	7.8	17.7	.56
15:00	3.2	4.0	4.5	4.3	4.7	4.9	1.2	-2.9	.04
16:00	2.5	3.0	3.2	3.0	3.6	3.7	1.4	-.2	.02
17:00	3.0	2.7	3.3	3.3	3.2	3.8	-.1	-3.1	-.04
18:00	1.1	.6	1.1	1.5	.9	1.9	2.3	1.1	.05
19:00	.2	1.0	1.3	1.1	1.4	1.6	.5	.4	.00
20:00	1.3	.7	1.2	1.6	1.0	2.1	2.8	.8	.02
21:00	1.5	.7	1.2	1.7	1.1	2.2	1.8	.9	.04
22:00	2.2	.5	1.1	2.2	.9	2.8	1.6	1.0	.01
23:00	.6	.7	.7	.7	1.3	1.2	1.2	.1	.02
Avg	.0	1.3	1.5	1.7	1.8	2.3	1.5	.1	.05
Max	3.2	4.0	4.5	4.3	4.7	4.9	8.5	17.7	.56
Hr. of Max	15	15	15	15	15	15	09	14	14
Min	.2	.1	.4	.3	.5	.9	-9.6	-20.6	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/30/2014

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	.00	3.2	3.2	1.6	3.6	2.2	9.2	14.6
01:00	.04	2.7	4.1	4.4	3.5	4.9	12.0	14.7
02:00	-.02	3.7	2.3	3.4	2.6	3.6	7.8	4.2
03:00	-.01	1.4	1.8	3.9	1.8	2.8	7.3	5.7
04:00	-.01	1.4	2.7	3.0	1.9	3.6	10.7	6.5
05:00	.03	1.6	1.6	2.7	2.4	2.8	8.3	6.5
06:00	-.01	2.1	2.5	2.7	2.6	3.3	9.9	4.8
07:00	.01	3.7	3.4	2.3	4.4	2.9	8.7	6.8
08:00	.02	3.0	4.1	2.3	2.5	1.7	13.9	6.4
09:00	.01	3.0	4.4	4.8	3.9	5.5	23.8	11.8
10:00	.10	6.4	6.0	6.6	7.7	7.0	22.5	25.1
11:00	-.27	7.1	6.4	6.9	5.9	7.4	26.8	30.2
12:00	-1.06	6.4	5.7	3.9	6.9	6.6	32.6	37.6
13:00	.65	7.3	6.2	6.6	7.7	7.8	26.9	34.5
14:00	1.30	7.1	7.1	7.6	10.4	10.3	25.3	26.4
15:00	-.21	9.2	11.9	10.3	10.7	10.7	19.3	20.3
16:00	-.10	8.0	8.5	7.8	7.7	8.8	18.8	28.1
17:00	-.23	7.3	7.8	7.6	8.3	8.2	13.7	14.1
18:00	.03	3.4	6.2	6.6	2.8	3.8	10.8	8.7
19:00	.00	3.0	3.9	3.2	3.5	3.8	9.0	9.8
20:00	.03	6.0	8.2	8.2	7.5	9.3	11.7	9.2
21:00	.07	2.1	3.0	4.6	2.2	5.1	8.6	9.9
22:00	.05	2.1	3.0	3.7	2.5	4.3	7.4	4.4
23:00	.00	2.5	2.3	4.8	2.8	3.4	5.9	5.9
Avg	.02	4.3	4.8	5.0	4.8	5.4	14.6	14.4
Max	1.30	9.2	11.9	10.3	10.7	10.7	32.6	37.6
Hr. of Max	14	15	15	15	15	15	12	12
Min	-1.06	1.4	1.6	1.6	1.8	1.7	5.9	4.2
Count	24	24	24	24	24	24	24	24
Total								