Date Printed: 10/29/2014 11:08

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/28/2014

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	13.5	15.3	16.1	19.8	1.80	2.58	6.31	.78	4.51
01:00	13.1	15.1	16.3	19.8	2.01	3.26	6.71	1.26	4.71
02:00	12.4	14.7	15.7	18.2	2.22	3.22	5.75	1.00	3.52
03:00	12.2	14.0	15.1	17.0	1.87	2.96	4.83	1.10	2.96
04:00	11.6	13.5	14.5	16.0	1.96	2.94	4.44	.98	2.48
05:00	11.1	12.9	14.1	15.6	1.76	2.93	4.47	1.17	2.71
06:00	10.7	12.5	13.7	16.1	1.78	3.03	5.35	1.25	3.57
07:00	10.5	12.3	13.4	15.2	1.75	2.89	4.63	1.14	2.88
08:00	11.5	12.9	14.4	15.9	1.47	2.97	4.49	1.50	3.02
09:00	15.0	14.9	16.1	17.0	-.02	1.10	2.02	1.12	2.04
10:00	17.7	17.3	17.2	17.4	-.44	-.55	-.27	-.11	.17
11:00	20.2	19.5	19.3	19.2	-.69	-.91	-.95	-.23	-.26
12:00	22.5	21.8	21.5	21.4	-.66	-.97	-1.06	-.30	-.40
13:00	23.4	22.8	22.4	22.3	-.67	-1.01	-1.10	-.34	-.44
14:00	23.8	23.2	22.9	22.7	-.67	-.99	-1.10	-.32	-.43
15:00	24.0	23.5	23.2	23.1	-.47	-.76	-.88	-.29	-.41
16:00	23.8	23.5	23.3	23.2	-.29	-.54	-.63	-.25	-.34
17:00	23.0	22.9	22.7	22.6	-.10	-.31	-.38	-.21	-.28
18:00	21.4	21.6	21.6	21.7	.22	.18	.27	-.03	.05
19:00	20.1	20.6	20.6	20.8	.44	.51	.71	.08	.28
20:00	19.6	20.0	20.0	20.2	.39	.45	.65	.05	.26
21:00	19.2	19.6	19.6	19.8	.32	.36	.55	.05	.23
22:00	18.8	19.2	19.3	19.4	.47	.50	.65	.03	.19
23:00	18.5	19.0	19.0	19.1	.51	.47	.59	-.03	.09
Avg	17.4	18.0	18.4	19.3	.62	1.01	1.92	.39	1.30
Max	24.0	23.5	23.3	23.2	2.22	3.26	6.71	1.50	4.71
Hr. of Max	15	16	16	16	02	01	01	08	01
Min	10.5	12.3	13.4	15.2	-.69	-1.01	-1.10	-.34	-.44
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/28/2014

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	12.2	14.3	12.7	17.8	93.2	95.3	10.8	12.3	0.009125
01:00	11.7	14.1	12.2	17.6	93.1	95.8	10.5	12.1	0.008832
02:00	11.3	13.7	11.7	17.5	94.0	95.4	10.2	11.8	0.008562
03:00	11.1	13.1	11.4	17.3	94.2	95.8	10.0	11.4	0.00844
04:00	10.4	12.7	10.8	17.1	93.9	96.4	9.6	11.1	0.008076
05:00	10.0	12.1	10.4	16.9	94.1	96.5	9.4	10.7	0.007869
06:00	9.6	11.8	10.0	16.8	94.1	96.6	9.1	10.5	0.007638
07:00	9.5	11.6	9.8	16.6	94.3	96.7	9.1	10.4	0.007564
08:00	10.3	12.2	10.7	16.5	93.9	96.8	9.6	10.8	0.008018
09:00	13.4	13.8	13.9	16.4	92.0	94.5	11.6	11.9	0.009871
10:00	14.9	14.8	15.9	16.3	85.4	87.0	12.7	12.6	0.010895
11:00	14.9	14.7	16.7	16.5	73.3	75.4	12.6	12.4	0.010914
12:00	14.8	14.7	17.4	16.8	63.3	65.3	12.4	12.3	0.010851
13:00	14.5	14.4	17.4	17.1	58.4	60.4	12.1	12.1	0.010612
14:00	14.2	14.1	17.4	17.5	56.0	58.0	11.9	11.9	0.010444
15:00	13.8	13.8	17.2	17.9	54.2	55.4	11.6	11.6	0.010221
16:00	13.4	13.3	16.9	18.2	53.3	54.0	11.3	11.3	0.00993
17:00	13.9	13.9	17.0	18.4	57.8	58.1	11.7	11.7	0.010277
18:00	14.2	14.2	16.6	18.6	64.7	64.1	12.0	12.0	0.010418
19:00	14.0	14.1	16.0	18.6	69.3	67.7	11.9	11.9	0.010307
20:00	13.8	13.9	15.7	18.5	70.7	69.4	11.7	11.8	0.010161
21:00	13.7	13.8	15.6	18.4	71.7	70.8	11.7	11.7	0.010107
22:00	13.7	13.8	15.4	18.3	73.7	72.1	11.7	11.8	0.010099
23:00	13.9	13.9	15.4	18.2	76.1	73.8	11.9	11.9	0.010228
Avg	12.8	13.6	14.3	17.5	77.7	78.8	11.1	11.7	0.009561
Max	14.9	14.8	17.4	18.6	94.3	96.8	12.7	12.6	0.010914
Hr. of Max	11	10	14	19	07	08	10	10	11
Min	9.5	11.6	9.8	16.3	53.3	54.0	9.1	10.4	0.007564
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/28/2014

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	0.010486	14.3	16.4	.00	29.14	986.7	-2.9	.00	192.8
01:00	0.010348	13.8	16.2	.00	29.14	987.0	-2.3	.00	157.5
02:00	0.010049	13.4	15.7	.00	29.15	987.2	-2.2	.00	236.8
03:00	0.009692	13.2	15.1	.00	29.15	987.2	-2.6	.00	162.7
04:00	0.009431	12.7	14.7	.00	29.15	987.2	-2.4	.00	220.0
05:00	0.009062	12.3	14.2	.00	29.15	987.3	-1.5	.00	222.4
06:00	0.008826	12.0	13.8	.00	29.17	987.9	-2.9	.00	236.9
07:00	0.008711	11.9	13.6	.00	29.18	988.1	-.3	.00	247.0
08:00	0.0091	12.6	14.2	.00	29.18	988.2	74.5	.11	111.7
09:00	0.01012	15.4	15.8	.00	29.20	988.9	206.5	.30	177.3
10:00	0.010798	17.0	16.9	.00	29.21	989.3	290.3	.42	214.1
11:00	0.010747	17.1	16.8	.00	29.22	989.5	433.3	.62	220.2
12:00	0.010752	17.0	16.8	.00	29.21	989.4	461.6	.66	227.8
13:00	0.010544	16.6	16.5	.00	29.19	988.6	478.4	.69	210.9
14:00	0.010391	16.3	16.2	.00	29.17	987.8	443.4	.64	214.6
15:00	0.010159	16.0	15.9	.00	29.14	986.9	342.9	.49	200.2
16:00	0.009888	15.5	15.4	.00	29.13	986.4	248.2	.36	197.0
17:00	0.010273	16.0	16.0	.00	29.12	986.1	133.3	.19	196.7
18:00	0.010464	16.2	16.3	.00	29.13	986.4	17.2	.02	217.6
19:00	0.010355	16.1	16.2	.00	29.13	986.4	-3.6	-.01	217.1
20:00	0.010226	15.9	16.0	.00	29.13	986.6	-3.5	-.01	224.7
21:00	0.01017	15.8	15.9	.00	29.13	986.5	-2.8	.00	222.6
22:00	0.010164	15.8	15.9	.00	29.13	986.4	-3.6	-.01	229.2
23:00	0.010252	16.0	16.0	.00	29.13	986.5	-2.9	.00	238.3
Avg	0.010042	15.0	15.7	.00	29.16	987.4	129.0	.19	210.0
Max	0.010798	17.1	16.9	.00	29.22	989.5	478.4	.69	247.0
Hr. of Max	10	11	10	23	11	11	13	13	07
Min	0.008711	11.9	13.6	.00	29.12	986.1	-3.6	-.01	111.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/28/2014

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	225.1	255.2	217.3	256.7	44.9	18.0	7.7	.1	.6
01:00	247.9	255.2	200.7	256.4	49.9	56.9	12.2	.2	.6
02:00	239.4	252.3	244.3	252.9	47.4	13.3	35.7	.7	2.6
03:00	249.7	231.9	218.3	233.4	30.3	22.8	17.7	.2	.9
04:00	231.4	225.7	242.0	227.8	25.9	26.0	5.6	.3	.9
05:00	248.6	226.1	244.2	228.4	36.3	18.9	5.7	.6	1.3
06:00	215.0	253.0	244.4	254.5	16.3	29.8	11.3	1.4	2.4
07:00	229.2	204.7	266.7	207.3	56.1	8.8	19.0	.6	3.4
08:00	27.9	253.9	263.6	255.6	42.0	41.4	14.1	.0	.3
09:00	228.9	263.3	219.9	265.0	33.8	19.1	10.2	1.0	2.7
10:00	230.9	245.6	221.0	247.1	20.3	17.6	12.3	2.6	3.3
11:00	230.8	230.9	227.5	233.3	20.1	14.8	13.6	5.3	6.6
12:00	233.6	230.5	235.1	233.2	23.5	17.1	12.8	6.5	9.3
13:00	217.2	215.3	216.7	217.5	25.1	20.8	17.3	6.7	8.8
14:00	222.5	218.4	219.6	219.9	25.9	21.0	18.8	5.7	7.7
15:00	211.1	206.9	206.1	208.6	28.5	22.1	17.9	5.6	7.4
16:00	204.5	202.7	203.2	204.9	25.2	20.3	15.7	6.1	8.5
17:00	204.2	200.5	202.3	202.4	25.6	19.4	15.9	4.8	6.7
18:00	223.3	217.6	223.3	219.9	19.9	13.5	10.0	4.0	6.5
19:00	222.0	216.4	222.2	218.9	18.1	11.2	7.9	4.0	7.2
20:00	228.4	221.9	230.5	224.4	16.6	10.8	7.7	4.2	7.4
21:00	221.1	216.0	226.4	218.2	19.1	12.1	9.4	3.5	6.4
22:00	227.6	216.7	233.6	218.7	15.7	11.0	9.3	2.9	5.2
23:00	237.7	224.6	243.2	226.7	15.0	10.3	8.6	2.9	5.0
Avg	228.0	228.0	228.0	230.0	28.4	19.9	13.2	.0	.0
Max	249.7	263.3	266.7	265.0	56.1	56.9	35.7	6.7	9.3
Hr. of Max	03	09	07	09	07	01	02	13	12
Min	27.9	200.5	200.7	202.4	15.0	8.8	5.6	.0	.3
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)

10/28/2014

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	4.8	.1	.7	4.9	.5	5.3	2.4	1.7	.03
01:00	3.7	.3	.6	3.8	.6	4.1	1.9	1.7	.03
02:00	1.5	.9	2.6	1.8	1.5	2.1	1.3	1.6	.03
03:00	1.9	.2	1.0	2.1	.6	2.4	1.5	1.6	.01
04:00	2.6	.3	.9	2.6	1.0	3.0	2.8	.1	.05
05:00	2.4	.6	1.4	2.5	1.2	2.8	2.0	.7	.04
06:00	3.7	1.4	2.5	3.8	1.9	4.1	.4	2.1	.00
07:00	2.7	.7	3.5	2.9	1.3	3.3	.4	1.4	.00
08:00	2.8	.1	.3	3.0	.5	3.3	1.9	1.2	.02
09:00	4.3	1.1	2.8	4.4	1.6	4.7	4.0	2.3	.06
10:00	4.6	2.9	3.6	4.7	3.4	5.2	.0	.3	-.06
11:00	7.2	5.6	6.8	7.4	6.2	8.0	-1.0	-2.1	-.26
12:00	11.0	7.0	9.7	11.3	7.9	12.0	-.8	-1.6	-.35
13:00	10.6	7.3	9.3	11.0	8.0	11.8	2.0	.7	.00
14:00	9.0	6.3	8.3	9.5	7.1	10.3	.3	2.1	-.21
15:00	8.9	6.4	8.0	9.3	7.1	10.0	2.2	1.4	.04
16:00	10.3	6.7	8.9	10.7	7.3	11.2	1.4	-.7	.00
17:00	8.6	5.3	7.1	9.0	5.9	9.5	3.6	.5	.15
18:00	8.6	4.2	6.6	8.8	4.7	9.4	-.1	-.2	-.12
19:00	10.0	4.2	7.4	10.1	4.7	10.8	-.5	.2	-.17
20:00	10.6	4.4	7.6	10.7	5.1	11.3	-1.5	-.2	-.25
21:00	9.3	3.7	6.6	9.4	4.1	10.0	-.4	.7	-.15
22:00	7.1	3.1	5.3	7.2	3.5	7.7	-.9	.4	-.11
23:00	6.6	3.0	5.1	6.7	3.4	7.2	-.9	.6	-.12
Avg	.0	3.2	4.9	6.6	3.7	7.1	.9	.7	-.06
Max	11.0	7.3	9.7	11.3	8.0	12.0	4.0	2.3	.15
Hr. of Max	12	13	12	12	13	12	09	09	17
Min	1.5	.1	.3	1.8	.5	2.1	-1.5	-2.1	-.35
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/28/2014

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	.13	1.4	2.3	8.2	1.9	8.8	8.6	5.4
01:00	.11	2.5	3.0	11.2	2.9	7.4	6.9	6.8
02:00	.06	2.5	5.0	4.8	3.1	5.5	8.7	12.8
03:00	.07	2.1	3.4	6.0	2.2	4.2	6.4	5.0
04:00	.01	2.1	2.7	3.9	2.4	3.8	6.1	2.6
05:00	.04	2.7	4.1	5.7	2.8	4.1	6.1	2.5
06:00	.15	3.4	5.7	7.3	3.9	7.2	6.3	4.0
07:00	.10	3.2	8.9	7.8	4.0	6.0	7.9	7.1
08:00	.07	1.4	3.0	6.4	1.7	6.9	9.1	4.5
09:00	.15	4.1	7.1	8.5	5.1	8.4	15.0	7.2
10:00	.00	8.9	8.9	13.1	8.6	11.3	16.3	9.4
11:00	-.46	11.4	15.8	16.5	12.9	14.2	14.5	11.2
12:00	-.45	18.3	19.5	20.2	16.4	21.7	16.3	9.1
13:00	-.06	16.3	19.5	21.3	17.9	20.8	16.7	12.4
14:00	.13	15.8	18.3	22.9	17.6	20.4	17.1	15.3
15:00	.02	14.0	17.4	19.5	15.6	20.3	16.8	13.6
16:00	-.33	16.7	18.5	19.9	17.0	21.4	16.0	11.0
17:00	-.11	26.6	28.6	25.0	17.3	18.9	18.4	12.0
18:00	-.09	10.5	16.0	14.7	12.4	16.1	14.4	7.2
19:00	-.03	11.2	19.2	21.3	11.2	19.5	14.4	5.5
20:00	-.12	10.5	19.2	19.5	12.0	19.8	13.1	5.4
21:00	.06	10.3	15.8	17.4	11.5	19.7	15.5	6.7
22:00	.01	10.1	12.1	20.2	11.4	15.4	11.5	6.9
23:00	.05	6.9	9.4	11.9	6.9	12.3	10.6	6.1
Avg	-.02	8.9	11.8	13.9	9.1	13.1	12.2	7.9
Max	.15	26.6	28.6	25.0	17.9	21.7	18.4	15.3
Hr. of Max	09	17	17	17	13	12	17	14
Min	-.46	1.4	2.3	3.9	1.7	3.8	6.1	2.5
Count	24	24	24	24	24	24	24	24
Total								