Date Printed: 02/03/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	9.6	10.8	10.9	11.0	1.23	1.35	1.43	.11	.20
01:00	10.7	11.0	10.9	10.9	.30	.23	.25	-.07	-.05
02:00	9.2	9.4	9.3	9.3	.20	.12	.10	-.08	-.11
03:00	9.0	9.2	9.1	9.1	.23	.16	.15	-.07	-.08
04:00	8.4	8.5	8.4	8.4	.16	.07	.04	-.10	-.12
05:00	5.8	5.9	5.7	5.7	.05	-.10	-.18	-.15	-.24
06:00	4.3	4.3	4.2	4.1	.02	-.13	-.23	-.15	-.25
07:00	3.2	3.2	3.0	2.9	-.01	-.17	-.27	-.16	-.26
08:00	2.3	2.3	2.1	2.0	.00	-.16	-.26	-.16	-.26
09:00	.5	.4	.2	.1	-.09	-.29	-.43	-.20	-.34
10:00	-.6	-.8	-1.0	-1.1	-.14	-.34	-.49	-.20	-.35
11:00	-1.1	-1.4	-1.6	-1.8	-.33	-.58	-.78	-.25	-.45
12:00	-1.0	-1.6	-2.0	-2.2	-.63	-.95	-1.20	-.32	-.57
13:00	-1.6	-2.1	-2.4	-2.6	-.50	-.79	-1.00	-.29	-.50
14:00	-1.5	-2.0	-2.3	-2.4	-.52	-.76	-.92	-.24	-.40
15:00	-1.1	-1.6	-1.9	-2.1	-.53	-.79	-.97	-.26	-.44
16:00	-1.0	-1.5	-1.7	-1.9	-.43	-.69	-.87	-.26	-.44
17:00	-1.6	-1.9	-2.1	-2.3	-.26	-.52	-.68	-.26	-.43
18:00	-2.3	-2.3	-2.5	-2.6	-.01	-.21	-.32	-.20	-.32
19:00	-2.7	-2.5	-2.7	-2.7	.16	.01	-.07	-.15	-.23
20:00	-2.5	-2.5	-2.7	-2.8	-.03	-.20	-.29	-.17	-.26
21:00	-2.6	-2.6	-2.8	-2.9	-.04	-.22	-.33	-.18	-.29
22:00	-3.2	-3.1	-3.3	-3.4	.08	-.10	-.20	-.18	-.29
23:00	-4.1	-3.8	-3.8	-3.8	.37	.30	.35	-.07	-.03
Avg	1.5	1.5	1.3	1.2	-.03	-.20	-.30	-.17	-.27
Max	10.7	11.0	10.9	11.0	1.23	1.35	1.43	.11	.20
Hr. of Max	01	01	01	00	00	00	00	00	00
Min	-4.1	-3.8	-3.8	-3.8	-.63	-.95	-1.20	-.32	-.57
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	8.9	9.9	9.1	6.4	96.7	95.2	8.8	9.3	0.007395
01:00	9.2	9.0	9.7	6.5	92.0	89.1	8.9	8.8	0.007568
02:00	6.3	6.0	7.3	6.6	82.7	80.1	7.3	7.2	0.00616
03:00	5.8	5.6	6.9	6.6	81.5	78.7	7.1	7.0	0.005977
04:00	4.8	4.5	6.0	6.7	78.9	76.6	6.6	6.5	0.005541
05:00	2.0	1.7	3.3	6.7	76.9	75.0	5.5	5.4	0.004538
06:00	-.2	-.5	1.3	6.6	73.0	71.1	4.7	4.6	0.003866
07:00	-.9	-1.2	.5	6.5	75.3	73.8	4.5	4.4	0.003667
08:00	-1.2	-1.6	-.1	6.4	78.2	76.2	4.4	4.3	0.003568
09:00	-3.4	-3.8	-2.1	6.2	75.3	73.8	3.8	3.7	0.00302
10:00	-4.5	-4.9	-3.2	6.1	75.5	74.0	3.5	3.4	0.002776
11:00	-6.7	-7.4	-4.8	5.9	66.0	64.0	3.0	2.8	0.00235
12:00	-7.4	-8.4	-5.3	5.7	62.1	60.4	2.8	2.6	0.00222
13:00	-8.1	-8.9	-5.9	5.6	61.4	59.8	2.7	2.5	0.002102
14:00	-7.7	-8.5	-5.6	5.6	63.0	61.7	2.7	2.6	0.002169
15:00	-7.4	-8.1	-5.3	5.6	62.7	61.6	2.8	2.7	0.002219
16:00	-7.9	-8.5	-5.6	5.6	59.9	58.8	2.7	2.6	0.00213
17:00	-7.8	-8.2	-5.7	5.6	63.3	62.3	2.7	2.6	0.002153
18:00	-7.9	-8.3	-6.1	5.5	65.5	63.5	2.7	2.6	0.002121
19:00	-7.2	-8.2	-5.7	5.4	71.2	65.2	2.9	2.6	0.002239
20:00	-7.4	-8.1	-5.7	5.2	69.7	65.8	2.8	2.7	0.002215
21:00	-7.5	-8.2	-5.9	4.9	69.4	65.8	2.8	2.6	0.00219
22:00	-7.2	-7.7	-5.9	4.8	73.9	70.6	2.9	2.7	0.002235
23:00	-7.0	-7.5	-6.0	4.6	80.9	75.4	2.9	2.8	0.002272
Avg	-2.9	-3.4	-1.5	5.9	73.1	70.8	4.2	4.1	0.003445
Max	9.2	9.9	9.7	6.7	96.7	95.2	8.9	9.3	0.007568
Hr. of Max	01	00	01	05	00	00	01	00	01
Min	-8.1	-8.9	-6.1	4.6	59.9	58.8	2.7	2.5	0.002102
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	0.007895	11.4	12.2	.00	28.72	972.8	-2.2	.00	248.7
01:00	0.007478	11.7	11.6	.00	28.74	973.3	-2.3	.00	254.2
02:00	0.006046	9.6	9.4	.00	28.76	973.9	-2.8	.00	266.0
03:00	0.005861	9.3	9.1	.00	28.77	974.3	-2.5	.00	250.9
04:00	0.005439	8.6	8.4	.00	28.78	974.6	-2.0	.00	262.6
05:00	0.00444	7.1	6.9	.00	28.82	976.2	-2.1	.00	265.9
06:00	0.00377	6.0	5.9	.00	28.88	978.0	-2.4	.00	267.7
07:00	0.003593	5.7	5.6	.00	28.92	979.5	-.7	.00	269.9
08:00	0.003476	5.6	5.5	.00	28.97	981.2	17.8	.03	275.0
09:00	0.002942	4.8	4.6	.01	29.04	983.5	16.2	.02	261.7
10:00	0.002696	4.4	4.3	.00	29.10	985.5	50.3	.07	271.8
11:00	0.002225	3.7	3.5	.00	29.15	987.1	240.0	.34	271.1
12:00	0.002059	3.5	3.3	.00	29.18	988.2	437.3	.63	272.9
13:00	0.001974	3.3	3.1	.00	29.20	988.8	303.1	.43	276.7
14:00	0.002045	3.4	3.2	.00	29.21	989.3	242.1	.35	275.3
15:00	0.002096	3.5	3.3	.00	29.24	990.2	248.3	.36	282.3
16:00	0.002028	3.4	3.2	.00	29.27	991.2	186.7	.27	285.3
17:00	0.002078	3.4	3.3	.00	29.29	991.8	62.4	.09	284.9
18:00	0.002056	3.4	3.3	.00	29.30	992.3	-1.3	.00	299.6
19:00	0.002073	3.6	3.3	.00	29.31	992.7	-2.4	.00	274.0
20:00	0.002088	3.5	3.3	.00	29.34	993.7	-2.1	.00	252.6
21:00	0.002069	3.5	3.3	.00	29.35	993.8	-3.5	-.01	270.1
22:00	0.002151	3.6	3.4	.00	29.36	994.4	-2.4	.00	291.6
23:00	0.00218	3.6	3.5	.00	29.38	994.9	-2.2	.00	278.6
Avg	0.003365	5.4	5.3	.00	29.09	985.1	73.9	.11	271.0
Max	0.007895	11.7	12.2	.01	29.38	994.9	437.3	.63	299.6
Hr. of Max	00	01	00	09	23	23	12	12	18
Min	0.001974	3.3	3.1	.00	28.72	972.8	-3.5	-.01	248.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	260.8	256.9	253.8	259.5	20.7	13.6	10.8	4.0	6.9
01:00	263.2	264.4	261.0	266.4	24.1	17.2	16.8	5.8	8.2
02:00	277.4	281.3	271.9	282.0	24.1	19.6	16.2	6.6	9.2
03:00	262.9	264.4	257.2	266.1	22.5	17.6	15.2	5.4	7.6
04:00	271.3	273.0	268.8	273.8	20.8	17.2	13.3	8.3	11.6
05:00	275.2	278.5	270.7	279.2	25.8	22.0	18.3	7.0	9.7
06:00	278.0	280.2	273.8	281.0	23.8	18.8	16.7	9.8	13.6
07:00	282.7	287.7	273.6	287.7	34.1	26.8	20.1	5.4	7.6
08:00	283.6	284.8	278.9	285.1	31.1	25.9	20.3	6.1	8.6
09:00	276.9	281.0	267.6	281.5	28.6	25.0	21.1	7.2	9.5
10:00	281.3	282.7	277.7	282.9	28.0	22.0	18.1	7.6	10.7
11:00	280.8	283.6	276.3	283.6	25.3	19.0	16.9	8.9	11.8
12:00	285.8	289.4	278.2	289.1	29.0	23.2	19.7	8.7	11.6
13:00	282.6	285.3	281.2	285.4	29.8	24.4	20.4	7.2	9.8
14:00	284.2	285.4	280.0	284.9	32.7	25.8	21.2	4.6	5.9
15:00	290.6	291.2	287.0	290.7	32.1	30.5	23.7	4.5	5.7
16:00	291.4	294.5	287.5	293.1	39.9	29.8	28.3	4.1	5.5
17:00	296.4	299.6	288.6	298.1	29.1	24.8	19.1	3.8	5.1
18:00	311.8	310.0	304.0	307.4	38.2	27.4	21.0	2.2	3.3
19:00	295.0	304.6	276.8	302.4	15.9	13.7	14.8	1.5	2.4
20:00	268.3	273.4	257.9	274.9	18.1	16.2	14.4	2.0	3.0
21:00	285.4	288.2	271.9	287.8	27.7	20.8	18.7	.9	1.6
22:00	300.8	302.7	294.0	300.7	18.9	15.5	12.9	2.5	3.6
23:00	294.3	294.5	281.0	292.7	20.4	13.4	6.8	1.6	3.5
Avg	282.0	284.0	275.0	284.0	26.7	21.3	17.7	.0	.0
Max	311.8	310.0	304.0	307.4	39.9	30.5	28.3	9.8	13.6
Hr. of Max	18	18	18	18	16	15	16	06	06
Min	260.8	256.9	253.8	259.5	15.9	13.4	6.8	.9	1.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	9.6	4.3	7.2	9.9	4.8	10.4	-.2	2.3	-.18
01:00	10.5	6.3	8.8	11.2	7.0	11.8	-1.0	1.5	-.38
02:00	11.8	7.1	9.7	12.2	7.6	12.5	-2.0	.1	-.60
03:00	9.7	5.8	7.9	10.0	6.5	10.6	-.6	.9	-.29
04:00	14.5	8.9	12.4	15.2	9.5	15.7	-1.9	-1.0	-.70
05:00	12.3	7.8	10.5	13.1	8.7	13.6	-.9	1.6	-.53
06:00	16.8	10.6	14.3	17.4	11.2	17.8	-2.4	-.4	-.84
07:00	10.3	6.1	8.3	10.9	6.9	11.4	-1.6	-1.4	-.49
08:00	11.6	6.8	9.4	12.3	7.6	12.6	.3	-.4	-.29
09:00	11.6	7.9	10.2	12.3	8.8	12.8	-1.0	-1.1	-.49
10:00	13.0	8.3	11.4	13.6	8.8	14.0	-4.0	-2.2	-.94
11:00	13.9	9.6	12.4	14.5	10.1	14.9	-2.1	-2.3	-.84
12:00	14.1	9.6	12.4	14.8	10.2	15.2	-2.0	-1.8	-.81
13:00	11.6	8.0	10.6	12.3	8.7	12.8	-2.8	-1.9	-.78
14:00	6.4	5.4	6.5	6.9	5.9	7.4	-4.5	-3.4	-.55
15:00	6.6	5.3	6.4	7.2	5.9	7.7	-5.5	-2.5	-.70
16:00	6.3	4.8	6.1	6.9	5.2	7.4	-1.7	.6	-.42
17:00	6.5	4.2	5.5	6.8	4.7	7.2	-1.4	-1.7	-.32
18:00	4.3	2.6	3.7	4.6	3.2	5.1	-3.0	-5.2	-.36
19:00	3.2	1.6	2.5	3.3	2.0	3.5	-3.0	-4.2	-.11
20:00	3.8	2.1	3.1	4.0	2.6	4.3	1.1	1.0	.01
21:00	2.3	1.0	1.9	2.6	1.6	2.9	-.8	.4	-.07
22:00	4.8	2.7	3.8	5.0	3.0	5.1	-3.4	-2.3	-.26
23:00	5.5	1.7	3.6	5.6	2.1	5.5	-2.4	-.4	-.14
Avg	.0	5.8	7.9	9.7	6.4	10.1	-2.0	-1.0	-.46
Max	16.8	10.6	14.3	17.4	11.2	17.8	1.1	2.3	.01
Hr. of Max	06	06	06	06	06	06	20	00	20
Min	2.3	1.0	1.9	2.6	1.6	2.9	-5.5	-5.2	-.94
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/2/2015

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	.27	18.1	24.3	28.2	21.0	30.0	12.1	6.8
01:00	.03	25.6	32.3	38.7	20.9	32.1	15.7	11.7
02:00	-.38	22.4	26.8	25.2	22.3	27.6	17.4	12.5
03:00	-.11	16.9	25.2	27.0	17.1	22.0	15.8	12.6
04:00	-.54	24.0	28.9	30.5	28.3	33.4	15.7	10.2
05:00	-.19	31.4	26.8	42.1	22.9	29.7	18.9	14.6
06:00	-.59	31.1	33.4	44.7	33.0	41.6	17.3	12.2
07:00	-.66	36.0	45.8	35.3	27.8	35.2	21.6	15.3
08:00	-.62	22.4	26.6	45.3	22.7	27.6	20.5	15.2
09:00	-.62	27.5	32.5	32.5	29.4	30.2	18.4	15.2
10:00	-1.04	24.0	27.9	30.7	24.2	30.4	18.2	14.2
11:00	-1.01	29.5	28.9	30.7	30.1	31.9	17.9	13.6
12:00	-.96	25.0	34.3	34.6	26.5	32.5	19.9	15.0
13:00	-.86	23.6	25.0	27.9	25.0	28.9	18.2	14.6
14:00	-.69	13.3	17.6	15.8	16.1	18.0	18.1	16.9
15:00	-.54	16.9	16.0	14.9	18.7	15.8	17.2	16.5
16:00	-.40	21.1	16.9	16.3	16.8	17.5	21.5	20.6
17:00	-.54	10.8	12.4	14.2	11.8	14.2	20.5	16.6
18:00	-.74	11.9	15.6	18.1	11.1	17.4	19.7	17.0
19:00	-.31	4.4	6.2	6.2	5.2	7.1	13.1	10.5
20:00	.04	4.8	8.0	8.0	5.8	8.3	12.0	8.8
21:00	.00	4.4	6.4	9.2	4.6	6.7	16.1	11.9
22:00	-.33	8.2	8.2	8.7	8.1	8.9	12.7	9.9
23:00	-.08	7.6	7.6	8.7	6.1	8.3	11.8	5.7
Avg	-.45	19.2	22.2	24.7	19.0	23.1	17.1	13.3
Max	.27	36.0	45.8	45.3	33.0	41.6	21.6	20.6
Hr. of Max	00	07	07	08	06	06	07	16
Min	-1.04	4.4	6.2	6.2	4.6	6.7	11.8	5.7
Count	24	24	24	24	24	24	24	24
Total								