Date Printed: 08/19/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/18/2015

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	21.5	21.5	21.5	21.6	-.02	-.02	.15	.00	.17
01:00	21.4	21.4	21.4	21.5	.00	-.03	.12	-.03	.12
02:00	21.4	21.5	21.4	21.5	.03	.00	.07	-.04	.03
03:00	21.4	21.4	21.4	21.5	.00	.02	.10	.02	.11
04:00	21.4	21.4	21.4	21.4	-.02	.02	.05	.04	.07
05:00	21.4	21.3	21.2	21.2	-.07	-.17	-.13	-.10	-.06
06:00	21.3	21.2	21.1	21.2	-.06	-.18	-.14	-.12	-.08
07:00	21.4	21.3	21.1	21.1	-.13	-.28	-.26	-.15	-.12
08:00	21.8	21.6	21.4	21.4	-.17	-.36	-.37	-.19	-.20
09:00	22.1	21.9	21.7	21.7	-.17	-.35	-.37	-.18	-.21
10:00	22.4	22.2	22.0	22.0	-.22	-.43	-.47	-.21	-.24
11:00	23.0	22.8	22.6	22.5	-.21	-.42	-.48	-.21	-.26
12:00	23.4	23.2	23.0	22.9	-.22	-.43	-.49	-.21	-.27
13:00	23.8	23.4	23.2	23.1	-.32	-.56	-.63	-.23	-.30
14:00	23.9	23.6	23.4	23.3	-.33	-.56	-.63	-.23	-.30
15:00	24.5	24.1	23.9	23.9	-.37	-.59	-.64	-.22	-.27
16:00	25.3	24.9	24.6	24.5	-.40	-.67	-.78	-.27	-.38
17:00	25.5	25.3	25.1	25.0	-.18	-.36	-.46	-.18	-.28
18:00	25.5	25.4	25.2	25.2	-.13	-.29	-.33	-.17	-.20
19:00	24.4	24.5	24.4	24.4	.08	.00	-.01	-.09	-.10
20:00	23.3	23.4	23.3	23.4	.14	.06	.12	-.08	-.02
21:00	23.0	23.1	23.1	23.2	.15	.12	.21	-.03	.06
22:00	22.4	23.0	23.0	23.2	.51	.53	.71	.02	.20
23:00	21.8	22.6	22.8	22.9	.80	.96	1.11	.16	.30
Avg	22.8	22.8	22.6	22.7	-.05	-.17	-.15	-.11	-.09
Max	25.5	25.4	25.2	25.2	.80	.96	1.11	.16	.30
Hr. of Max	18	18	18	18	23	23	23	23	23
Min	21.3	21.2	21.1	21.1	-.40	-.67	-.78	-.27	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/18/2015

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	20.5	20.5	20.8	25.4	96.7	96.7	17.8	17.8	0.015651
01:00	20.5	20.6	20.8	25.3	96.8	97.7	17.8	17.9	0.015627
02:00	20.5	20.5	20.8	25.3	96.7	96.7	17.8	17.8	0.015613
03:00	20.5	20.5	20.8	25.2	97.0	97.2	17.8	17.8	0.015628
04:00	20.5	20.5	20.8	25.1	97.1	97.4	17.8	17.8	0.015629
05:00	20.5	20.5	20.8	25.1	97.0	97.6	17.8	17.8	0.015609
06:00	20.4	20.4	20.7	25.0	96.8	97.7	17.6	17.7	0.015497
07:00	20.4	20.4	20.7	25.0	96.5	97.5	17.7	17.7	0.015559
08:00	20.5	20.5	20.9	24.9	94.5	95.7	17.7	17.8	0.015604
09:00	20.6	20.6	21.1	24.9	93.5	94.6	17.8	17.9	0.015698
10:00	20.9	20.9	21.4	24.9	93.7	94.8	18.2	18.2	0.016091
11:00	21.3	21.1	21.8	24.9	92.5	93.0	18.5	18.4	0.016416
12:00	21.5	21.4	22.2	24.9	91.8	92.1	18.9	18.7	0.016723
13:00	21.8	21.5	22.5	24.9	91.4	91.4	19.1	18.8	0.017024
14:00	21.7	21.2	22.4	24.9	89.6	88.8	19.0	18.4	0.016872
15:00	21.9	21.4	22.8	25.0	87.9	87.1	19.2	18.7	0.017153
16:00	21.6	21.1	22.8	25.1	82.3	81.8	18.8	18.3	0.016823
17:00	21.8	21.3	23.0	25.2	82.4	80.9	19.0	18.5	0.017055
18:00	22.0	21.8	23.2	25.3	83.5	82.6	19.3	19.0	0.017336
19:00	22.2	22.1	23.0	25.4	90.3	89.0	19.6	19.4	0.017531
20:00	22.5	22.3	22.7	25.5	98.0	96.3	19.9	19.7	0.017756
21:00	22.2	22.0	22.5	25.5	98.2	96.0	19.7	19.4	0.017516
22:00	21.7	21.7	22.0	25.5	98.3	95.3	19.1	19.1	0.016941
23:00	21.1	21.4	21.3	25.4	98.3	95.4	18.4	18.7	0.016276
Avg	21.2	21.1	21.7	25.2	93.4	93.1	18.5	18.4	0.016401
Max	22.5	22.3	23.2	25.5	98.3	97.7	19.9	19.7	0.017756
Hr. of Max	20	20	18	22	23	06	20	20	20
Min	20.4	20.4	20.7	24.9	82.3	80.9	17.6	17.7	0.015497
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)

8/18/2015

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	0.01562	24.2	24.2	.01	29.15	987.1	-2.2	.00	268.3
01:00	0.015759	24.2	24.4	.05	29.13	986.6	-2.4	.00	280.6
02:00	0.015648	24.1	24.2	.00	29.12	986.2	-2.2	.00	228.2
03:00	0.015657	24.2	24.2	.00	29.11	986.0	-2.3	.00	263.9
04:00	0.015669	24.2	24.2	.00	29.10	985.6	-1.9	.00	252.3
05:00	0.015639	24.1	24.2	.00	29.11	985.8	-2.4	.00	234.1
06:00	0.015588	24.0	24.1	.00	29.11	985.7	-2.0	.00	220.2
07:00	0.015588	24.1	24.1	.01	29.11	985.9	25.1	.04	229.9
08:00	0.015642	24.1	24.2	.00	29.11	985.9	79.3	.11	217.3
09:00	0.015726	24.3	24.3	.00	29.11	985.9	102.3	.15	214.2
10:00	0.016055	24.9	24.8	.08	29.11	985.8	160.9	.23	212.9
11:00	0.016295	25.3	25.2	.00	29.11	985.9	141.5	.20	203.2
12:00	0.01655	25.8	25.5	.03	29.10	985.5	166.7	.24	191.4
13:00	0.016694	26.2	25.7	.00	29.08	984.7	345.7	.50	181.2
14:00	0.016381	26.0	25.2	.02	29.05	983.9	373.4	.54	184.5
15:00	0.016622	26.4	25.6	.01	29.04	983.3	374.7	.54	191.8
16:00	0.01631	25.9	25.1	.00	29.01	982.4	386.4	.55	198.5
17:00	0.016573	26.2	25.5	.00	29.00	982.0	213.6	.31	326.2
18:00	0.017033	26.6	26.2	.00	28.99	981.7	149.9	.21	322.3
19:00	0.017355	26.9	26.6	.29	28.99	981.7	40.4	.06	38.1
20:00	0.017593	27.3	27.0	.04	29.00	982.1	2.6	.00	55.3
21:00	0.017283	26.9	26.6	.00	29.01	982.6	-2.0	.00	247.4
22:00	0.016948	26.1	26.1	.00	29.03	983.0	-2.5	.00	252.0
23:00	0.016589	25.1	25.5	.00	29.03	983.2	-2.9	.00	253.9
Avg	0.016284	25.3	25.1	.02	29.07	984.5	105.8	.15	233.0
Max	0.017593	27.3	27.0	.29	29.15	987.1	386.4	.55	326.2
Hr. of Max	20	20	20	19	00	00	16	16	17
Min	0.015588	24.0	24.1	.00	28.99	981.7	-2.9	.00	38.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/18/2015

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	150.4	106.8	269.3	106.8	45.6	39.0	20.6	.8	.1
01:00	239.7	198.7	282.1	199.3	27.5	46.9	26.3	1.0	1.3
02:00	201.4	220.5	230.9	221.1	34.6	20.1	17.2	.6	1.3
03:00	197.8	201.3	262.6	201.7	38.6	46.7	27.3	.6	.8
04:00	224.0	224.0	246.3	224.4	27.1	17.3	11.3	.7	1.3
05:00	230.7	233.8	232.7	235.1	28.3	15.3	6.6	.6	1.8
06:00	228.2	234.2	220.9	235.2	21.6	15.4	6.9	.9	2.2
07:00	232.3	234.7	228.0	235.6	22.5	17.0	9.0	.8	1.9
08:00	224.5	228.5	220.7	230.0	20.6	17.6	11.6	2.2	3.3
09:00	219.3	217.0	218.2	218.4	22.5	15.4	11.4	2.6	4.3
10:00	218.4	217.1	217.1	218.8	24.6	19.1	12.7	2.5	4.0
11:00	203.8	208.7	206.1	209.3	27.0	23.7	16.5	1.9	2.8
12:00	199.6	201.7	193.6	202.4	30.0	32.5	20.2	2.0	2.5
13:00	186.5	190.1	185.8	190.1	25.7	22.8	16.9	3.4	4.2
14:00	194.5	197.3	191.5	198.0	26.9	19.5	17.4	3.3	4.3
15:00	194.0	193.4	196.1	194.0	25.3	18.6	16.1	3.3	4.3
16:00	199.1	205.2	202.2	205.2	32.4	39.6	25.2	1.7	2.3
17:00	13.0	351.5	317.4	351.1	49.3	56.2	58.5	.6	.6
18:00	342.6	329.3	322.9	324.4	34.7	34.6	30.3	1.6	2.3
19:00	59.1	56.9	41.2	52.4	45.6	35.3	46.5	1.3	2.0
20:00	77.4	81.5	63.7	78.8	59.9	35.9	36.9	.8	1.3
21:00	156.0	179.6	249.7	178.0	56.5	43.6	25.2	.3	.8
22:00	219.0	203.2	255.0	204.1	23.7	16.8	9.4	1.4	2.8
23:00	218.2	211.2	255.1	212.3	34.0	17.3	9.6	.9	2.1
Avg	206.0	208.0	234.0	209.0	32.7	27.8	20.4	.0	.0
Max	342.6	351.5	322.9	351.1	59.9	56.2	58.5	3.4	4.3
Hr. of Max	18	17	18	17	20	17	17	13	15
Min	13.0	56.9	41.2	52.4	20.6	15.3	6.6	.3	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/18/2015

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	.5	1.0	.9	1.0	1.3	1.4	.0	-.8	-.02
01:00	1.2	1.1	1.5	1.8	1.4	2.1	-2.9	-2.5	-.11
02:00	1.9	.7	1.5	2.1	1.2	2.3	1.6	-1.7	.02
03:00	1.9	.9	1.1	2.1	1.2	2.3	-1.4	-2.7	-.04
04:00	2.0	.8	1.5	2.1	1.2	2.3	.0	-.9	.00
05:00	2.9	.7	1.9	3.0	1.2	3.2	1.4	-1.1	.01
06:00	3.7	1.0	2.3	3.8	1.5	4.1	2.0	-1.3	.02
07:00	3.3	.9	2.0	3.4	1.4	3.7	2.1	-.7	.05
08:00	4.5	2.4	3.4	4.6	2.6	5.0	2.9	.7	.05
09:00	5.5	2.7	4.4	5.6	3.3	6.0	.6	-.4	-.09
10:00	5.3	2.8	4.2	5.5	3.3	5.9	1.9	-.7	-.01
11:00	3.7	2.2	3.1	3.9	2.6	4.3	3.8	-.1	.09
12:00	3.4	2.2	2.7	3.6	2.8	3.9	5.3	3.7	.14
13:00	5.2	3.6	4.5	5.4	4.1	5.8	1.6	-1.9	-.05
14:00	5.0	3.5	4.4	5.2	4.0	5.6	-.6	-4.3	-.15
15:00	5.3	3.5	4.6	5.5	3.9	5.8	1.6	-1.4	-.01
16:00	2.8	2.2	2.8	3.3	2.7	3.6	3.8	-5.8	.08
17:00	.4	.9	1.1	1.0	1.3	1.5	-1.0	-1.6	-.01
18:00	2.8	1.8	2.6	3.0	2.2	3.3	-1.2	.0	-.15
19:00	1.8	2.0	2.9	3.3	2.3	3.6	-1.2	-.6	-.08
20:00	1.4	1.3	1.7	1.6	1.6	2.0	2.0	.4	-.01
21:00	2.3	.6	.9	2.5	1.0	2.8	3.8	2.2	.06
22:00	5.2	1.6	3.0	5.3	1.9	5.6	-1.9	-.6	-.10
23:00	3.5	1.1	2.2	3.6	1.4	3.8	.8	-.8	.00
Avg	.0	1.7	2.6	3.4	2.1	3.7	1.0	-1.0	-.01
Max	5.5	3.6	4.6	5.6	4.1	6.0	5.3	3.7	.14
Hr. of Max	09	13	15	09	13	09	12	12	12
Min	.4	.6	.9	1.0	1.0	1.4	-2.9	-5.8	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/18/2015

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	3.7	4.8	6.9	2.8	3.9	12.1	8.3
01:00	-.12	3.7	4.8	5.0	3.7	5.8	10.1	11.3
02:00	-.07	2.7	5.3	6.0	4.1	6.3	12.7	6.7
03:00	-.09	3.2	3.2	4.6	3.2	4.7	8.5	10.0
04:00	-.03	3.0	3.9	3.9	3.3	4.4	9.2	4.7
05:00	-.06	4.4	6.0	7.8	3.0	6.2	12.8	4.8
06:00	-.09	4.1	5.7	6.6	3.5	6.9	15.4	5.0
07:00	-.06	3.0	4.6	6.6	3.6	7.8	15.0	6.3
08:00	.00	6.4	7.1	10.5	7.0	11.4	18.7	9.7
09:00	-.09	6.4	8.7	11.4	8.3	11.5	17.8	8.8
10:00	-.13	7.6	8.2	10.8	7.9	11.5	18.7	9.2
11:00	-.07	7.6	8.5	10.8	8.4	9.4	20.3	13.7
12:00	.07	8.7	8.0	10.3	7.4	10.7	20.6	17.1
13:00	-.32	11.4	12.4	13.5	12.3	14.1	18.6	13.0
14:00	-.44	10.1	10.8	11.2	11.4	12.6	18.2	14.5
15:00	-.21	8.0	8.7	9.2	8.6	9.5	15.9	11.9
16:00	-.38	14.9	10.5	16.3	9.5	10.2	23.6	19.6
17:00	-.08	3.7	4.6	4.8	4.4	4.7	27.2	34.5
18:00	-.01	5.5	5.0	5.7	6.4	6.3	18.3	14.5
19:00	.05	7.3	8.2	8.9	7.4	9.6	18.5	14.9
20:00	.02	5.5	5.7	4.8	5.6	5.3	14.6	14.9
21:00	.09	4.1	6.6	9.2	4.3	9.9	16.0	15.7
22:00	-.06	5.0	10.5	11.4	5.3	10.7	13.3	6.6
23:00	-.07	2.5	6.0	8.2	2.9	8.6	8.3	5.2
Avg	-.09	5.9	7.0	8.5	6.0	8.4	16.0	11.7
Max	.09	14.9	12.4	16.3	12.3	14.1	27.2	34.5
Hr. of Max	21	16	13	16	13	13	17	17
Min	-.44	2.5	3.2	3.9	2.8	3.9	8.3	4.7
Count	24	24	24	24	24	24	24	24
Total								