Date Printed: 05/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/10/2015

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	19.0	20.6	21.0	22.5	1.65	2.03	3.56	.38	1.91
01:00	18.7	20.3	20.8	22.4	1.59	2.10	3.71	.51	2.12
02:00	18.2	19.6	20.0	20.8	1.40	1.79	2.54	.39	1.14
03:00	17.6	19.0	19.5	20.4	1.37	1.90	2.78	.52	1.40
04:00	17.2	18.4	18.8	19.6	1.19	1.62	2.41	.43	1.22
05:00	17.2	18.4	18.6	19.0	1.18	1.41	1.85	.23	.67
06:00	16.7	18.1	18.3	18.9	1.37	1.65	2.19	.28	.81
07:00	16.7	17.9	18.1	18.6	1.21	1.48	1.99	.28	.78
08:00	18.5	18.6	18.7	19.2	.03	.17	.70	.14	.67
09:00	22.2	21.7	21.4	21.4	-.53	-.76	-.85	-.24	-.33
10:00	24.5	23.8	23.5	23.4	-.69	-1.01	-1.13	-.31	-.44
11:00	26.2	25.4	25.1	25.0	-.81	-1.09	-1.23	-.28	-.42
12:00	26.9	26.0	25.7	25.5	-.88	-1.21	-1.36	-.33	-.48
13:00	27.5	26.6	26.3	26.1	-.87	-1.21	-1.36	-.34	-.49
14:00	28.6	27.4	27.0	26.9	-1.18	-1.55	-1.68	-.37	-.50
15:00	28.6	27.7	27.4	27.2	-.88	-1.22	-1.39	-.34	-.51
16:00	28.9	28.2	27.9	27.8	-.71	-.99	-1.08	-.28	-.37
17:00	29.1	28.4	28.1	28.0	-.68	-.98	-1.12	-.30	-.44
18:00	29.0	28.5	28.1	28.0	-.51	-.83	-.92	-.32	-.41
19:00	25.5	26.1	27.0	27.3	.65	1.51	1.89	.87	1.25
20:00	22.7	24.4	25.3	25.8	1.72	2.66	3.12	.94	1.40
21:00	21.1	23.0	23.7	24.5	1.86	2.55	3.37	.69	1.51
22:00	20.1	21.9	22.4	23.1	1.77	2.26	2.97	.49	1.21
23:00	19.8	21.2	21.6	22.5	1.38	1.80	2.73	.42	1.35
Avg	22.5	23.0	23.1	23.5	.44	.59	.99	.14	.54
Max	29.1	28.5	28.1	28.0	1.86	2.66	3.71	.94	2.12
Hr. of Max	17	18	18	18	21	20	01	20	01
Min	16.7	17.9	18.1	18.6	-1.18	-1.55	-1.68	-.37	-.51
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/10/2015

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	15.9	16.5	17.0	23.5	84.2	78.7	13.5	13.9	0.011656
01:00	16.1	16.7	16.9	23.2	86.3	81.5	13.6	14.1	0.011733
02:00	16.1	16.8	16.8	23.0	88.8	85.4	13.6	14.2	0.011731
03:00	15.8	16.8	16.4	22.8	91.0	88.8	13.5	14.2	0.011576
04:00	15.5	16.8	16.1	22.6	91.7	92.4	13.2	14.3	0.011337
05:00	15.6	16.7	16.1	22.4	92.2	92.1	13.3	14.2	0.011396
06:00	15.3	16.7	15.7	22.2	93.0	93.6	13.0	14.2	0.011127
07:00	15.2	16.6	15.7	22.0	92.5	94.0	12.9	14.1	0.011052
08:00	16.3	16.5	17.1	21.8	88.9	89.6	13.8	14.0	0.011931
09:00	17.2	16.8	18.9	21.7	75.1	75.5	14.5	14.1	0.012644
10:00	16.9	16.4	19.4	21.7	64.0	64.6	14.1	13.7	0.01239
11:00	16.6	16.3	19.8	22.0	57.1	58.5	13.8	13.5	0.012233
12:00	16.5	16.3	20.0	22.5	54.5	56.4	13.7	13.5	0.012145
13:00	16.5	16.4	20.2	22.9	52.5	54.7	13.7	13.6	0.012163
14:00	16.3	16.2	20.4	23.3	48.6	51.6	13.4	13.4	0.012007
15:00	16.8	16.6	20.7	23.7	50.2	52.1	13.9	13.7	0.012406
16:00	15.9	15.7	20.3	24.0	46.8	47.8	13.1	12.9	0.011763
17:00	16.6	16.4	20.8	24.2	48.3	49.5	13.7	13.6	0.012296
18:00	15.9	15.7	20.3	24.3	46.5	47.2	13.1	13.0	0.011736
19:00	17.9	17.1	20.4	24.4	64.8	59.3	15.0	14.2	0.013293
20:00	17.5	17.3	19.2	24.4	74.5	66.3	14.7	14.5	0.012947
21:00	17.2	17.8	18.5	24.2	79.8	74.2	14.5	15.0	0.012629
22:00	16.9	17.7	17.9	24.0	83.2	78.8	14.2	14.9	0.012374
23:00	16.9	17.8	17.9	23.8	85.1	82.6	14.3	15.0	0.012403
Avg	16.4	16.7	18.4	23.1	72.5	71.5	13.8	14.0	0.01204
Max	17.9	17.8	20.8	24.4	93.0	94.0	15.0	15.0	0.013293
Hr. of Max	19	23	17	20	06	07	19	23	19
Min	15.2	15.7	15.7	21.7	46.5	47.2	12.9	12.9	0.011052
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)

5/10/2015

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	0.012075	18.2	18.8	.00	29.19	988.4	-3.5	.00	24.9
01:00	0.012246	18.3	19.1	.00	29.19	988.5	-1.1	.00	43.3
02:00	0.012307	18.3	19.2	.00	29.18	988.3	-1.3	.00	44.9
03:00	0.012325	18.1	19.2	.00	29.18	988.2	-2.2	.00	275.0
04:00	0.012316	17.7	19.2	.00	29.18	988.3	-3.6	-.01	272.3
05:00	0.012259	17.8	19.1	.00	29.19	988.4	-3.2	.00	42.8
06:00	0.012218	17.4	19.1	.00	29.20	988.9	.8	.00	312.7
07:00	0.012127	17.3	18.9	.00	29.22	989.5	35.2	.05	38.4
08:00	0.01204	18.6	18.8	.00	29.23	990.0	244.6	.35	156.3
09:00	0.012319	19.7	19.2	.00	29.24	990.1	457.6	.66	94.4
10:00	0.011989	19.3	18.7	.00	29.24	990.2	693.7	.99	121.3
11:00	0.011939	19.1	18.6	.00	29.24	990.3	642.5	.92	203.5
12:00	0.011934	19.0	18.6	.00	29.23	989.9	699.2	1.00	214.5
13:00	0.012032	19.0	18.8	.00	29.21	989.3	723.4	1.04	224.2
14:00	0.011894	18.7	18.6	.00	29.20	988.8	845.0	1.21	210.9
15:00	0.012236	19.3	19.1	.00	29.17	988.0	628.3	.90	222.3
16:00	0.011553	18.3	18.0	.00	29.15	987.3	432.0	.62	200.8
17:00	0.012114	19.1	18.9	.00	29.16	987.4	417.7	.60	246.0
18:00	0.011576	18.3	18.0	.00	29.16	987.5	323.0	.46	233.2
19:00	0.012641	20.7	19.7	.00	29.15	987.3	68.0	.10	311.3
20:00	0.012779	20.1	19.9	.00	29.14	987.0	5.2	.01	295.8
21:00	0.013148	19.7	20.4	.00	29.17	987.7	-3.2	.00	355.2
22:00	0.013046	19.3	20.3	.00	29.17	988.0	-3.6	-.01	334.4
23:00	0.013111	19.3	20.4	.00	29.18	988.2	-1.7	.00	274.3
Avg	0.012259	18.8	19.1	.00	29.19	988.6	258.0	.37	272.0
Max	0.013148	20.7	20.4	.00	29.24	990.3	845.0	1.21	355.2
Hr. of Max	21	19	23	23	11	11	14	14	21
Min	0.011553	17.3	18.0	.00	29.14	987.0	-3.6	-.01	24.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/10/2015

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	54.3	207.3	32.6	208.4	39.9	14.0	46.6	.4	1.1
01:00	43.4	251.7	45.3	255.5	39.0	27.2	37.0	.3	1.0
02:00	55.9	53.0	34.9	49.7	46.0	19.8	15.9	.4	1.1
03:00	58.9	46.8	274.1	43.0	42.7	45.9	25.0	.5	.4
04:00	250.2	91.3	273.3	101.8	21.2	54.2	14.8	.4	.1
05:00	62.0	67.0	50.1	63.4	33.1	12.5	8.7	.7	1.6
06:00	91.7	39.6	308.6	34.4	29.4	24.5	11.5	.2	.5
07:00	47.7	53.3	43.7	49.0	37.3	18.7	9.6	.4	1.1
08:00	123.1	17.1	183.5	12.9	33.0	36.0	30.8	.5	.3
09:00	84.9	63.4	96.1	60.1	37.4	33.8	31.0	1.7	1.6
10:00	124.4	119.6	127.2	116.5	64.2	71.2	69.0	1.1	.8
11:00	218.7	223.0	211.0	223.3	37.8	37.3	33.3	2.5	3.0
12:00	214.3	210.6	218.5	211.0	47.1	36.5	34.1	3.1	3.7
13:00	236.9	241.1	230.8	241.7	38.1	37.6	35.6	3.0	3.7
14:00	221.3	220.3	214.9	223.9	37.7	31.8	29.0	3.7	4.6
15:00	222.9	219.0	226.1	219.5	44.2	40.7	39.1	2.3	2.7
16:00	215.4	216.7	208.3	218.5	29.8	30.6	27.1	1.8	1.8
17:00	254.7	248.7	247.6	250.6	32.4	31.9	34.6	3.3	4.1
18:00	238.2	237.1	238.5	239.3	22.6	14.2	10.7	3.6	5.1
19:00	232.5	232.0	309.0	237.4	16.5	41.4	36.9	.7	.5
20:00	44.6	65.2	292.0	67.1	16.5	34.3	25.6	.8	.9
21:00	358.1	51.8	333.3	56.4	34.3	26.8	42.3	.4	.5
22:00	52.2	114.4	337.9	103.6	41.0	12.1	21.1	.1	.7
23:00	54.9	42.2	270.0	26.6	15.7	38.0	20.3	.2	.2
Avg	103.0	128.0	270.0	123.0	34.9	32.1	28.7	.0	.0
Max	358.1	251.7	337.9	255.5	64.2	71.2	69.0	3.7	5.1
Hr. of Max	21	01	22	01	10	10	10	14	18
Min	43.4	17.1	32.6	12.9	15.7	12.1	8.7	.1	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/10/2015

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	.6	.5	1.2	.7	.8	1.1	2.1	-1.8	.03
01:00	.6	.4	1.1	.8	.8	1.1	2.4	-.6	.04
02:00	1.4	.5	1.2	1.6	.8	2.0	2.4	1.8	.04
03:00	.7	.7	.5	.8	1.1	1.3	.5	.0	.02
04:00	.1	.4	.1	.1	.7	.5	.3	1.0	.00
05:00	2.2	.8	1.6	2.3	1.1	2.6	2.6	.4	.03
06:00	1.9	.6	.5	2.0	.9	2.3	1.9	-.2	.04
07:00	2.5	.7	1.1	2.5	1.1	2.8	1.6	.3	.03
08:00	1.1	1.3	1.4	1.5	1.8	1.8	.9	-1.2	.04
09:00	1.6	1.9	1.7	1.9	2.4	2.3	-2.4	-8.6	-.08
10:00	.6	2.1	1.9	1.7	2.8	2.4	-7.7	-3.9	-.34
11:00	3.4	3.3	3.7	4.0	3.9	4.6	-2.8	-6.0	-.31
12:00	3.8	4.0	4.5	4.5	4.7	5.1	1.0	.8	-.07
13:00	3.9	3.8	4.5	4.7	4.5	5.3	-.1	1.0	-.06
14:00	5.3	4.5	5.3	6.0	5.2	6.6	1.4	.6	.01
15:00	3.0	2.8	3.5	3.7	3.5	4.4	4.1	4.1	.13
16:00	2.0	2.6	2.8	2.9	3.2	3.5	-1.5	.6	-.07
17:00	4.4	3.6	4.4	4.7	4.1	5.2	2.4	2.9	-.07
18:00	5.8	3.9	5.2	5.9	4.4	6.4	-.9	-2.7	-.18
19:00	1.4	.9	.9	1.5	1.1	1.8	3.0	.4	.04
20:00	1.0	1.1	1.0	1.0	1.3	1.4	1.6	-.6	.04
21:00	.3	.6	.6	.3	.9	.7	1.6	-1.3	.02
22:00	.2	.2	.7	.2	.5	.6	.9	-1.0	.01
23:00	.1	.3	.3	.1	.8	.4	1.0	.0	.02
Avg	.0	1.7	2.1	2.3	2.2	2.8	.7	-.6	-.03
Max	5.8	4.5	5.3	6.0	5.2	6.6	4.1	4.1	.13
Hr. of Max	18	14	14	14	14	14	15	15	15
Min	.1	.2	.1	.1	.5	.4	-7.7	-8.6	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/10/2015

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	-.03	2.1	2.5	3.2	2.1	3.9	8.5	16.2
01:00	-.02	1.6	2.7	2.5	1.8	3.3	8.8	12.8
02:00	.07	2.3	2.5	2.7	2.3	3.2	8.0	6.9
03:00	-.01	3.7	2.3	2.7	3.9	2.3	10.0	21.4
04:00	.02	1.8	1.6	.9	2.1	1.3	6.4	9.9
05:00	.02	2.7	3.0	3.4	3.1	3.9	7.7	3.1
06:00	.00	1.8	2.5	3.9	2.3	4.4	6.0	3.7
07:00	.02	2.3	2.5	4.1	2.5	4.5	8.7	3.4
08:00	-.07	4.4	4.4	4.6	4.7	4.7	18.9	9.1
09:00	-.43	4.8	5.0	4.8	5.7	5.2	21.8	23.9
10:00	-.17	7.8	6.4	8.2	8.4	9.4	24.6	36.7
11:00	-.58	7.6	8.9	9.4	10.5	10.2	21.0	21.4
12:00	.03	9.2	13.1	11.9	12.8	11.2	20.0	22.2
13:00	-.07	12.4	12.8	10.5	12.8	13.0	21.6	21.6
14:00	-.01	11.9	12.4	11.7	11.0	12.4	20.8	19.7
15:00	.20	10.3	18.1	14.0	8.7	8.7	25.3	26.3
16:00	-.06	7.3	10.5	12.1	9.6	8.8	19.7	25.0
17:00	-.01	9.2	10.5	10.3	10.3	11.4	21.7	18.8
18:00	-.35	8.9	10.1	9.8	9.7	10.5	15.7	9.9
19:00	.02	3.4	7.3	6.4	3.8	4.8	8.7	6.6
20:00	.00	6.0	4.1	4.6	3.2	3.4	7.5	6.0
21:00	-.01	2.7	2.1	1.8	2.4	1.9	7.6	5.1
22:00	-.01	1.4	1.4	1.4	1.5	1.6	6.2	3.9
23:00	.00	1.4	1.1	1.1	2.0	1.4	5.3	4.7
Avg	-.06	5.3	6.2	6.1	5.7	6.1	13.8	14.1
Max	.20	12.4	18.1	14.0	12.8	13.0	25.3	36.7
Hr. of Max	15	13	15	15	13	13	15	10
Min	-.58	1.4	1.1	.9	1.5	1.3	5.3	3.1
Count	24	24	24	24	24	24	24	24
Total								