Date Printed: 06/07/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2015

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	17.4	18.9	19.7	20.8	1.58	2.37	3.44	.80	1.86
01:00	17.0	18.5	18.9	19.8	1.51	1.97	2.86	.46	1.35
02:00	16.5	17.6	18.3	19.6	1.12	1.85	3.14	.74	2.03
03:00	16.0	17.3	17.7	18.5	1.24	1.65	2.48	.41	1.24
04:00	15.5	16.8	17.2	17.9	1.28	1.65	2.37	.37	1.09
05:00	15.1	16.4	16.8	17.4	1.28	1.65	2.29	.37	1.01
06:00	15.0	16.3	16.6	17.2	1.25	1.52	2.12	.27	.87
07:00	16.6	17.0	17.0	17.4	.34	.39	.75	.05	.40
08:00	19.5	19.3	19.1	19.0	-.20	-.37	-.52	-.17	-.32
09:00	22.3	22.0	21.8	21.6	-.30	-.53	-.70	-.24	-.40
10:00	24.9	24.3	24.0	23.9	-.57	-.82	-.95	-.26	-.38
11:00	26.7	26.0	25.7	25.6	-.67	-1.00	-1.15	-.33	-.47
12:00	28.2	27.3	27.0	26.8	-.88	-1.21	-1.41	-.33	-.53
13:00	28.8	28.1	27.8	27.7	-.63	-.93	-1.09	-.30	-.46
14:00	29.0	28.5	28.2	28.1	-.49	-.76	-.89	-.27	-.40
15:00	29.4	28.9	28.6	28.6	-.48	-.73	-.80	-.25	-.33
16:00	30.1	29.6	29.3	29.2	-.44	-.77	-.89	-.32	-.44
17:00	30.7	30.2	29.9	29.7	-.51	-.81	-.99	-.30	-.48
18:00	30.3	29.8	29.5	29.4	-.47	-.73	-.84	-.26	-.37
19:00	27.7	28.6	28.5	28.6	.91	.86	.94	-.05	.03
20:00	24.1	26.9	27.4	27.7	2.71	3.22	3.54	.51	.83
21:00	22.1	24.7	25.2	25.8	2.65	3.07	3.75	.42	1.10
22:00	20.7	23.1	23.4	24.6	2.33	2.66	3.85	.33	1.52
23:00	19.8	21.8	22.4	23.8	2.00	2.63	4.01	.63	2.01
Avg	22.6	23.2	23.3	23.7	.61	.70	1.05	.10	.45
Max	30.7	30.2	29.9	29.7	2.71	3.22	4.01	.80	2.03
Hr. of Max	17	17	17	17	20	20	23	00	02
Min	15.0	16.3	16.6	17.2	-.88	-1.21	-1.41	-.33	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2015

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	15.5	16.1	16.1	24.3	90.5	85.0	13.2	13.6	0.011353
01:00	15.3	16.2	15.9	24.0	91.8	88.2	13.1	13.7	0.01123
02:00	15.1	16.0	15.6	23.8	93.3	92.4	12.9	13.6	0.011065
03:00	14.7	16.0	15.2	23.5	93.6	93.9	12.6	13.6	0.010792
04:00	14.3	15.8	14.7	23.2	94.2	95.3	12.3	13.4	0.010513
05:00	14.0	15.6	14.4	23.0	94.4	96.5	12.0	13.3	0.010273
06:00	13.9	15.4	14.3	22.7	94.4	96.3	12.0	13.1	0.010209
07:00	15.2	15.3	15.7	22.5	92.9	91.7	12.9	13.0	0.011107
08:00	16.5	15.7	17.5	22.3	84.5	81.4	13.9	13.3	0.012103
09:00	17.3	16.4	18.9	22.2	74.9	72.1	14.5	13.8	0.012735
10:00	17.5	16.6	19.9	22.2	65.2	63.7	14.6	13.9	0.012949
11:00	17.4	16.5	20.5	22.6	58.3	57.3	14.5	13.7	0.012912
12:00	16.6	15.8	20.4	23.2	50.6	50.5	13.7	13.0	0.012268
13:00	16.9	16.2	20.8	24.0	50.2	49.5	14.0	13.3	0.012551
14:00	17.0	16.2	21.0	24.7	49.8	48.6	14.0	13.4	0.012611
15:00	16.6	16.0	20.9	25.0	47.6	46.9	13.7	13.2	0.012345
16:00	16.1	15.2	20.7	25.2	44.3	42.9	13.3	12.6	0.011956
17:00	14.4	13.6	19.9	25.4	38.3	37.4	11.9	11.3	0.010756
18:00	14.9	14.4	20.0	25.6	40.5	40.3	12.3	11.9	0.011066
19:00	16.7	15.6	20.4	25.7	53.0	46.5	13.9	12.8	0.012405
20:00	17.9	16.5	20.0	25.7	70.0	54.8	15.1	13.7	0.01335
21:00	17.6	16.8	19.1	25.6	77.4	62.9	14.8	14.0	0.013036
22:00	17.1	16.5	18.3	25.4	81.2	67.9	14.4	13.8	0.012592
23:00	16.7	16.8	17.7	25.2	84.3	74.9	14.1	14.1	0.012305
Avg	16.1	15.9	18.2	24.0	71.5	68.2	13.5	13.3	0.011853
Max	17.9	16.8	21.0	25.7	94.4	96.5	15.1	14.1	0.01335
Hr. of Max	20	23	14	20	06	05	20	23	20
Min	13.9	13.6	14.3	22.2	38.3	37.4	11.9	11.3	0.010209
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2015

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	0.011776	17.7	18.3	.00	29.09	985.2	-1.1	.00	272.5
01:00	0.011862	17.5	18.4	.00	29.09	985.3	-1.1	.00	350.7
02:00	0.011767	17.2	18.3	.00	29.08	984.9	-.8	.00	255.8
03:00	0.011721	16.8	18.2	.00	29.08	984.7	-.7	.00	358.1
04:00	0.011555	16.4	18.0	.00	29.08	984.8	-.9	.00	323.4
05:00	0.011398	16.0	17.7	.00	29.09	985.2	-.7	.00	333.6
06:00	0.011284	15.9	17.6	.00	29.11	985.7	10.0	.01	31.0
07:00	0.011201	17.3	17.4	.00	29.11	985.9	119.1	.17	48.9
08:00	0.011502	18.8	17.9	.00	29.12	986.1	342.3	.49	179.7
09:00	0.012041	19.8	18.7	.00	29.12	986.3	535.5	.77	198.5
10:00	0.012241	20.1	19.0	.00	29.12	986.2	730.3	1.05	205.1
11:00	0.012191	20.1	19.0	.00	29.12	986.1	882.2	1.26	298.1
12:00	0.011627	19.1	18.1	.00	29.10	985.4	964.2	1.38	343.7
13:00	0.011947	19.5	18.6	.00	29.08	984.9	764.8	1.10	78.5
14:00	0.011983	19.6	18.6	.00	29.06	984.3	674.3	.97	93.7
15:00	0.011853	19.1	18.4	.00	29.05	983.9	654.8	.94	28.4
16:00	0.011293	18.5	17.5	.00	29.04	983.5	489.6	.70	102.5
17:00	0.010213	16.7	15.9	.00	29.03	983.2	461.7	.66	15.3
18:00	0.010736	17.2	16.7	.00	29.03	983.2	348.0	.50	323.4
19:00	0.011526	19.2	17.9	.00	29.04	983.3	167.6	.24	327.5
20:00	0.012246	20.7	19.0	.00	29.05	983.7	18.3	.03	338.4
21:00	0.012426	20.2	19.3	.00	29.05	983.9	-3.3	.00	13.8
22:00	0.012134	19.5	18.8	.00	29.07	984.5	-1.8	.00	359.8
23:00	0.012365	19.1	19.2	.00	29.08	985.0	-1.7	.00	29.7
Avg	0.011704	18.4	18.2	.00	29.08	984.8	297.9	.43	355.0
Max	0.012426	20.7	19.3	.00	29.12	986.3	964.2	1.38	359.8
Hr. of Max	21	20	21	23	11	09	12	12	22
Min	0.010213	15.9	15.9	.00	29.03	983.2	-3.3	.00	13.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2015

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	239.5	217.0	271.4	218.9	29.3	52.5	17.3	.9	1.4
01:00	39.0	70.6	346.6	67.8	30.4	19.3	29.8	.4	.7
02:00	223.6	185.0	257.8	186.3	19.0	42.1	34.6	.9	.8
03:00	44.2	129.8	356.8	129.9	51.3	28.4	31.7	.2	.6
04:00	48.2	180.9	302.9	200.8	38.1	41.3	20.7	.2	.3
05:00	235.6	275.7	341.1	280.3	64.8	53.7	41.1	.2	.1
06:00	62.9	40.7	26.6	33.6	24.4	10.2	8.4	.3	1.0
07:00	74.8	57.7	50.0	53.6	22.6	23.9	7.5	.1	.8
08:00	196.2	301.6	196.7	305.5	58.9	67.2	49.3	.5	.3
09:00	210.1	207.2	205.6	216.4	36.4	36.4	42.5	1.2	1.3
10:00	220.5	220.3	210.9	222.6	57.8	53.9	48.7	1.1	1.1
11:00	307.4	306.8	280.9	304.2	83.1	63.9	51.3	.4	.9
12:00	350.7	353.7	350.1	350.8	68.0	54.8	59.9	1.1	1.7
13:00	83.1	79.0	87.0	75.5	43.8	39.8	43.0	1.7	2.2
14:00	90.7	88.3	95.1	85.4	32.7	32.7	35.7	2.9	3.1
15:00	55.2	57.8	29.9	50.0	56.4	66.8	68.8	1.5	1.8
16:00	83.3	69.1	108.1	62.0	51.4	59.1	59.2	1.1	1.4
17:00	13.7	19.2	13.6	14.1	42.3	30.8	25.7	1.9	3.2
18:00	340.5	340.9	323.1	335.8	30.2	24.8	22.2	2.5	3.9
19:00	344.0	346.3	325.6	340.4	23.8	18.5	13.6	2.1	3.8
20:00	1.7	6.6	336.9	1.1	23.9	16.2	18.1	1.4	2.6
21:00	55.7	48.8	16.2	44.6	23.2	19.9	16.5	1.1	1.6
22:00	71.9	61.5	357.6	58.0	20.5	8.1	9.0	.5	1.3
23:00	59.1	58.9	33.1	54.5	40.7	17.6	11.8	.5	1.6
Avg	40.0	41.0	350.0	28.0	40.5	36.7	31.9	.0	.0
Max	350.7	353.7	357.6	350.8	83.1	67.2	68.8	2.9	3.9
Hr. of Max	12	12	22	12	11	08	15	14	18
Min	1.7	6.6	13.6	1.1	19.0	8.1	7.5	.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)

6/6/2015

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	2.7	1.1	1.6	2.8	1.5	3.2	.8	1.8	.02
01:00	.5	.5	.9	.8	.8	1.2	1.1	.0	.01
02:00	.5	1.0	.9	.8	1.5	1.3	1.4	.8	.03
03:00	.4	.4	.6	.6	.7	1.1	2.5	.0	.03
04:00	.2	.3	.3	.2	.7	.5	2.2	-1.0	.03
05:00	.4	.3	.2	.5	.6	.8	1.5	.2	.02
06:00	1.0	.3	1.1	1.0	.7	1.4	3.2	-.6	.04
07:00	2.0	.1	.8	2.0	.6	2.3	1.6	-.6	.02
08:00	.0	.6	.4	.4	1.1	.9	-5.1	-10.9	-.08
09:00	1.0	1.4	1.5	1.1	2.0	1.5	-7.4	-12.5	-.29
10:00	1.3	1.8	1.8	1.7	2.5	2.3	-3.9	1.7	-.13
11:00	1.2	1.8	2.2	2.6	2.6	3.3	-1.3	3.9	-.15
12:00	1.6	2.6	2.9	2.8	3.2	3.5	-4.5	-.5	-.28
13:00	2.3	3.7	4.3	4.5	4.5	5.2	3.5	6.2	.11
14:00	2.8	3.3	3.7	3.6	4.0	4.3	1.1	1.6	.13
15:00	1.7	2.6	2.8	2.9	3.2	3.6	-3.9	6.0	-.21
16:00	1.4	2.1	2.4	2.5	2.6	3.0	-3.5	.1	-.18
17:00	4.0	2.5	3.7	4.4	3.0	4.9	2.3	1.4	-.09
18:00	4.8	2.9	4.3	5.2	3.3	5.7	-1.4	-2.6	-.26
19:00	5.7	2.3	4.0	5.9	2.6	6.3	-2.9	-1.9	-.20
20:00	3.5	1.6	2.7	3.9	1.8	4.1	-1.1	.5	-.05
21:00	2.1	1.3	1.7	2.2	1.5	2.5	.5	1.8	.00
22:00	2.5	.6	1.3	2.6	.8	2.8	2.0	.6	.03
23:00	2.4	.7	1.9	2.6	1.0	2.8	1.6	1.4	.03
Avg	.0	1.5	2.0	2.4	2.0	2.9	-.4	-.1	-.06
Max	5.7	3.7	4.3	5.9	4.5	6.3	3.5	6.2	.13
Hr. of Max	19	13	18	19	13	19	13	13	14
Min	.0	.1	.2	.2	.6	.5	-7.4	-12.5	-.29
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/6/2015

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	.09	3.4	4.1	5.3	3.8	5.8	9.0	8.8
01:00	.01	2.1	2.1	2.5	2.2	2.6	8.5	9.8
02:00	.02	3.0	3.4	2.5	3.4	2.8	7.6	11.5
03:00	.00	1.8	1.8	2.1	2.1	2.4	10.0	7.9
04:00	-.01	2.1	1.1	1.4	1.7	1.9	6.6	6.6
05:00	.01	2.3	1.6	1.8	2.0	2.0	6.3	7.0
06:00	-.01	2.1	2.1	2.1	2.4	2.4	8.1	4.9
07:00	-.03	1.1	3.2	3.7	1.5	3.9	20.8	5.0
08:00	-.21	2.7	2.5	2.1	4.1	2.5	30.2	24.8
09:00	-.41	4.1	4.1	4.1	5.2	4.5	26.6	30.9
10:00	.05	5.3	5.5	5.5	6.3	6.1	29.9	34.6
11:00	.08	7.6	8.2	7.8	9.3	7.6	30.8	31.6
12:00	.05	8.7	8.0	10.3	8.8	11.5	27.4	32.8
13:00	.44	12.8	13.1	14.7	12.1	15.2	24.5	24.5
14:00	.32	14.0	11.4	9.8	11.2	9.6	22.2	26.2
15:00	.45	9.8	10.3	10.8	10.3	12.0	23.6	30.6
16:00	-.03	6.4	7.6	7.3	8.8	7.9	26.9	25.2
17:00	-.12	8.5	10.8	10.8	13.4	11.5	27.7	20.7
18:00	-.38	8.7	9.6	10.5	10.3	11.5	21.8	13.3
19:00	-.29	6.0	10.3	10.3	6.7	10.9	15.8	9.2
20:00	.05	3.7	5.7	6.4	3.3	6.1	7.3	4.2
21:00	.07	3.0	3.7	3.7	3.0	4.9	7.3	8.8
22:00	.04	2.3	4.4	6.2	2.6	3.8	6.6	3.1
23:00	.07	2.1	3.2	4.1	2.7	4.2	8.0	3.6
Avg	.01	5.2	5.7	6.1	5.7	6.4	17.2	16.1
Max	.45	14.0	13.1	14.7	13.4	15.2	30.8	34.6
Hr. of Max	15	14	13	13	17	13	11	10
Min	-.41	1.1	1.1	1.4	1.5	1.9	6.3	3.1
Count	24	24	24	24	24	24	24	24
Total								