Date Printed: 03/10/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/9/2015

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	9.7	12.3	13.3	13.7	2.53	3.55	3.97	1.02	1.44
01:00	12.0	12.7	12.8	13.0	.71	.79	.96	.09	.25
02:00	11.0	11.5	11.5	11.6	.57	.57	.62	.00	.05
03:00	8.5	10.3	10.5	10.6	1.81	1.96	2.06	.15	.25
04:00	7.6	9.0	9.6	9.8	1.45	1.99	2.19	.55	.75
05:00	7.4	8.3	8.7	9.2	.98	1.37	1.87	.39	.89
06:00	7.0	7.6	7.9	8.2	.58	.88	1.18	.30	.60
07:00	7.0	7.2	7.3	7.5	.24	.38	.57	.14	.32
08:00	7.0	7.1	7.2	7.3	.16	.29	.37	.13	.21
09:00	7.9	7.8	7.6	7.6	-.12	-.28	-.25	-.15	-.12
10:00	9.0	8.8	8.6	8.5	-.22	-.44	-.54	-.22	-.33
11:00	9.8	9.6	9.4	9.3	-.23	-.45	-.53	-.22	-.31
12:00	10.9	10.6	10.4	10.3	-.24	-.44	-.53	-.20	-.29
13:00	11.8	11.5	11.2	11.1	-.30	-.51	-.63	-.21	-.33
14:00	13.1	12.6	12.4	12.3	-.42	-.69	-.80	-.27	-.37
15:00	13.8	13.5	13.2	13.1	-.33	-.59	-.70	-.25	-.37
16:00	14.3	14.0	13.8	13.7	-.26	-.49	-.57	-.23	-.32
17:00	14.5	14.3	14.1	14.0	-.21	-.42	-.50	-.20	-.29
18:00	14.2	14.4	14.2	14.2	.19	.03	-.04	-.16	-.23
19:00	13.0	14.0	14.0	14.0	1.04	1.07	1.09	.04	.05
20:00	11.6	13.2	13.4	13.6	1.58	1.82	2.06	.25	.48
21:00	10.5	12.0	12.5	12.8	1.51	1.93	2.26	.42	.75
22:00	10.2	11.2	11.4	11.9	1.01	1.24	1.67	.23	.67
23:00	9.9	10.6	10.8	11.2	.75	.96	1.33	.20	.58
Avg	10.5	11.0	11.1	11.2	.53	.61	.71	.08	.18
Max	14.5	14.4	14.2	14.2	2.53	3.55	3.97	1.02	1.44
Hr. of Max	17	18	18	18	00	00	00	00	00
Min	7.0	7.1	7.2	7.3	-.42	-.69	-.80	-.27	-.37
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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3/9/2015

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	-.3	-4.5	3.1	8.1	50.6	31.3	4.6	3.4	0.003811
01:00	-.2	-1.6	3.9	8.0	43.8	38.1	4.6	4.2	0.003853
02:00	2.1	1.1	5.0	7.9	54.8	49.2	5.4	5.1	0.004498
03:00	5.2	2.5	6.3	7.8	80.8	59.2	6.8	5.6	0.005601
04:00	6.1	3.9	6.6	7.7	91.2	71.0	7.3	6.2	0.005952
05:00	6.0	5.0	6.5	7.7	92.1	80.3	7.2	6.7	0.00593
06:00	6.2	5.8	6.4	7.6	95.2	89.1	7.3	7.1	0.005986
07:00	6.3	6.2	6.5	7.6	96.4	94.1	7.4	7.3	0.006034
08:00	6.3	6.2	6.5	7.5	96.8	94.6	7.4	7.3	0.006055
09:00	7.1	6.7	7.4	7.5	96.0	94.3	7.8	7.6	0.006394
10:00	7.3	7.0	7.9	7.5	89.8	89.2	7.9	7.7	0.006473
11:00	7.6	7.2	8.3	7.6	87.0	86.0	8.0	7.8	0.006614
12:00	6.6	5.9	8.1	7.7	76.2	73.7	7.5	7.1	0.006206
13:00	6.3	5.6	8.1	8.0	69.9	67.9	7.3	6.9	0.006045
14:00	6.7	6.0	8.8	8.2	66.0	64.5	7.5	7.1	0.00623
15:00	6.3	5.9	8.8	8.6	61.5	60.8	7.3	7.0	0.006092
16:00	6.1	5.6	8.8	8.9	58.4	57.5	7.1	6.9	0.005983
17:00	6.2	5.8	9.0	9.2	58.1	57.3	7.2	7.0	0.006051
18:00	6.9	6.1	9.3	9.3	62.1	58.4	7.5	7.2	0.006323
19:00	7.3	6.5	9.2	9.4	69.5	61.3	7.8	7.3	0.006523
20:00	7.8	6.7	9.0	9.5	78.4	65.8	8.1	7.5	0.006721
21:00	8.7	7.7	9.3	9.4	89.5	75.8	8.6	8.0	0.007147
22:00	9.1	8.6	9.5	9.4	94.3	85.3	8.9	8.6	0.007364
23:00	9.0	9.0	9.3	9.3	95.6	90.7	8.8	8.8	0.007313
Avg	6.1	5.2	7.6	8.3	77.3	70.6	7.3	6.9	0.00605
Max	9.1	9.0	9.5	9.5	96.8	94.6	8.9	8.8	0.007364
Hr. of Max	22	23	22	20	08	08	22	23	22
Min	-.3	-4.5	3.1	7.5	43.8	31.3	4.6	3.4	0.003811
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/9/2015

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	0.002804	6.0	4.5	.00	29.31	992.7	-1.8	.00	235.3
01:00	0.003509	6.1	5.6	.00	29.34	993.6	-1.8	.00	207.2
02:00	0.004196	7.1	6.7	.00	29.34	993.5	-2.3	.00	208.8
03:00	0.004646	8.9	7.4	.00	29.32	993.0	-1.5	.00	280.6
04:00	0.005111	9.4	8.1	.00	29.31	992.6	-2.6	.00	267.8
05:00	0.005525	9.4	8.7	.00	29.31	992.5	-2.3	.00	74.2
06:00	0.005829	9.5	9.2	.03	29.32	992.9	-1.7	.00	267.1
07:00	0.005989	9.5	9.5	.02	29.33	993.2	-.5	.00	318.5
08:00	0.005986	9.6	9.5	.00	29.34	993.5	15.7	.02	274.7
09:00	0.006232	10.1	9.9	.01	29.35	993.8	106.9	.15	3.1
10:00	0.006335	10.2	10.0	.00	29.36	994.1	177.5	.25	244.1
11:00	0.006435	10.5	10.2	.00	29.35	994.1	179.2	.26	255.4
12:00	0.005903	9.8	9.3	.00	29.35	994.0	256.6	.37	242.2
13:00	0.005756	9.6	9.1	.00	29.34	993.7	364.7	.52	132.8
14:00	0.005925	9.8	9.4	.00	29.31	992.7	433.4	.62	117.4
15:00	0.005895	9.6	9.3	.00	29.29	991.8	270.5	.39	160.2
16:00	0.005797	9.4	9.2	.00	29.27	991.2	220.1	.32	182.3
17:00	0.00588	9.5	9.3	.00	29.27	991.2	146.3	.21	102.5
18:00	0.00602	10.0	9.5	.00	29.26	991.0	59.6	.09	45.7
19:00	0.006153	10.3	9.7	.00	29.27	991.1	8.9	.01	101.3
20:00	0.006252	10.6	9.9	.00	29.27	991.2	-2.8	.00	297.5
21:00	0.006688	11.3	10.5	.00	29.28	991.6	-1.6	.00	327.9
22:00	0.007124	11.6	11.2	.00	29.28	991.6	-1.4	.00	42.6
23:00	0.0073	11.5	11.5	.00	29.29	991.8	-1.8	.00	251.7
Avg	0.00572	9.6	9.1	.00	29.31	992.6	92.4	.13	245.0
Max	0.0073	11.6	11.5	.03	29.36	994.1	433.4	.62	327.9
Hr. of Max	23	22	23	06	10	11	14	14	21
Min	0.002804	6.0	4.5	.00	29.26	991.0	-2.8	.00	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)

3/9/2015

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	234.6	234.5	239.8	236.6	19.1	14.5	14.5	3.0	5.5
01:00	214.5	212.0	212.8	214.1	17.8	15.0	12.1	7.3	10.1
02:00	206.0	200.2	212.7	202.1	18.3	14.6	13.4	2.3	4.0
03:00	212.6	201.8	276.9	203.3	17.9	12.9	9.3	.5	1.5
04:00	238.0	229.9	266.1	232.4	41.1	12.7	7.6	.9	1.8
05:00	86.8	252.5	83.2	258.4	53.4	53.7	53.0	.3	.5
06:00	249.3	195.8	266.1	200.8	19.9	26.3	11.5	.7	1.0
07:00	325.7	136.9	316.6	137.8	45.0	21.5	15.0	.2	.2
08:00	322.8	111.7	272.8	110.6	32.2	27.7	15.7	.5	.1
09:00	25.4	52.3	2.4	47.1	27.6	18.9	19.6	.8	1.3
10:00	252.7	246.4	245.0	246.5	37.6	41.8	44.6	.5	.6
11:00	260.8	258.5	255.6	260.1	29.3	24.8	22.8	.8	1.0
12:00	252.6	258.5	244.6	258.1	37.8	38.8	54.2	.6	.5
13:00	123.4	110.4	139.8	101.5	52.2	55.6	64.3	.9	.6
14:00	83.9	75.8	116.5	70.0	69.7	69.0	64.0	1.0	.9
15:00	137.8	262.1	198.4	294.3	65.7	64.6	66.4	.2	.2
16:00	249.8	308.5	195.8	316.4	60.5	73.0	74.3	.5	.3
17:00	98.8	89.8	105.9	85.7	37.1	32.1	27.2	1.3	1.3
18:00	63.2	71.7	46.8	65.3	37.8	46.9	52.9	.8	1.1
19:00	108.9	112.5	105.0	108.9	25.3	12.0	8.0	.7	2.0
20:00	80.2	122.7	289.8	120.8	61.0	50.5	34.5	.2	.4
21:00	30.1	70.7	318.9	69.1	54.1	51.3	15.4	.4	.7
22:00	57.5	47.9	40.9	43.3	31.0	17.1	8.7	.9	1.4
23:00	153.7	104.2	247.9	105.2	43.3	21.6	36.7	.5	.2
Avg	172.0	161.0	246.0	157.0	38.9	34.0	31.1	.0	.0
Max	325.7	308.5	318.9	316.4	69.7	73.0	74.3	7.3	10.1
Hr. of Max	07	16	21	16	14	16	16	01	01
Min	25.4	47.9	2.4	43.3	17.8	12.0	7.6	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/9/2015

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	7.4	3.2	5.8	7.7	3.7	8.2	-.4	1.4	-.06
01:00	13.2	7.7	10.6	13.6	8.3	14.4	.5	1.5	-.06
02:00	5.4	2.6	4.3	5.9	3.0	6.4	1.8	1.1	.04
03:00	2.7	.9	1.6	2.8	1.3	3.2	1.3	.6	.02
04:00	3.2	1.1	1.9	3.3	1.4	3.7	2.5	1.5	.03
05:00	.8	.8	.7	1.1	1.2	1.4	2.1	3.5	.03
06:00	.9	.7	1.1	1.0	1.2	1.4	1.4	.4	.02
07:00	.3	.3	.4	.7	.9	1.3	2.2	-.6	.03
08:00	.2	.6	.2	.3	1.2	.9	.9	.9	.01
09:00	1.2	.8	1.3	1.3	1.4	1.9	-.7	1.8	-.07
10:00	.6	.6	.7	.8	1.3	1.3	3.1	-.2	.08
11:00	1.1	1.0	1.1	1.2	1.5	1.7	6.3	-3.2	.16
12:00	.4	.9	.7	.6	1.5	1.3	2.1	-15.6	.08
13:00	.7	1.5	1.3	1.2	2.0	1.9	-3.1	-7.7	-.20
14:00	1.0	1.5	1.8	1.9	2.3	2.6	-4.9	.7	-.13
15:00	.2	1.7	1.7	1.3	2.2	2.1	-.9	7.4	-.12
16:00	.4	1.2	.9	.8	1.9	1.6	-6.2	-7.9	-.15
17:00	1.2	1.5	1.5	1.4	2.1	2.0	.3	-.3	.03
18:00	1.2	.9	1.3	1.5	1.3	1.9	-.5	-3.4	.04
19:00	2.4	.8	2.0	2.5	1.4	2.9	5.4	2.9	.17
20:00	.9	.6	.6	1.1	1.0	1.6	.9	1.5	.02
21:00	.6	.8	.7	.7	1.1	1.1	1.6	1.1	.03
22:00	1.7	1.0	1.5	1.7	1.3	2.1	3.7	3.1	.08
23:00	.7	.7	.5	.7	1.1	1.1	1.8	.0	.03
Avg	.0	1.4	1.8	2.3	1.9	2.8	.9	-.4	.00
Max	13.2	7.7	10.6	13.6	8.3	14.4	6.3	7.4	.17
Hr. of Max	01	01	01	01	01	01	11	15	19
Min	.2	.3	.2	.3	.9	.9	-6.2	-15.6	-.20
Count	24	24	24	24	24	24	24	24	24
Total									

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3/9/2015

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	.16	7.6	11.4	15.3	7.8	16.9	7.5	4.7
01:00	.23	24.3	27.5	28.6	25.7	30.6	12.1	7.3
02:00	.06	8.0	10.5	12.4	9.4	13.5	14.1	9.1
03:00	.02	3.4	4.8	5.5	3.7	6.1	7.2	5.6
04:00	.09	3.2	3.2	4.8	3.7	4.9	6.8	2.2
05:00	.05	3.0	2.3	5.7	3.4	3.4	9.6	17.6
06:00	.01	2.1	2.5	2.3	2.6	2.7	5.5	5.0
07:00	.00	3.0	1.6	4.1	2.2	2.7	6.7	7.0
08:00	.02	1.6	1.8	1.6	2.2	1.9	5.9	6.5
09:00	.02	3.0	3.0	3.2	3.3	3.6	22.6	16.0
10:00	-.02	2.5	3.0	3.7	3.3	4.1	30.8	29.3
11:00	-.09	3.2	3.2	3.0	3.8	3.6	26.0	24.0
12:00	-.49	3.2	2.7	2.7	3.7	3.2	27.9	31.2
13:00	-.45	6.0	6.6	5.7	6.4	6.5	31.0	35.5
14:00	-.02	5.7	6.0	5.3	6.7	6.3	29.0	33.5
15:00	.21	4.8	6.2	6.6	5.7	5.8	27.6	36.1
16:00	-.41	4.4	3.4	3.7	4.8	5.2	26.9	37.9
17:00	.03	4.6	4.1	4.4	4.9	5.3	21.7	29.9
18:00	-.02	3.7	3.9	4.1	4.0	4.6	18.8	21.7
19:00	.16	5.5	6.6	7.6	4.5	5.7	12.0	7.5
20:00	.05	2.5	2.3	4.8	2.7	3.3	9.5	15.2
21:00	.04	3.0	2.5	2.3	3.1	2.8	8.1	8.6
22:00	.11	2.3	2.7	3.0	2.8	3.4	10.6	4.2
23:00	.02	1.8	3.0	3.0	2.3	2.8	6.6	6.3
Avg	-.01	4.7	5.2	6.0	5.1	6.2	16.0	16.7
Max	.23	24.3	27.5	28.6	25.7	30.6	31.0	37.9
Hr. of Max	01	01	01	01	01	01	13	16
Min	-.49	1.6	1.6	1.6	2.2	1.9	5.5	2.2
Count	24	24	24	24	24	24	24	24
Total								