Date Printed: 06/22/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/21/2015

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	20.5	21.6	22.4	23.3	1.05	1.90	2.75	.85	1.70
01:00	20.0	21.0	21.6	22.3	.99	1.63	2.30	.64	1.32
02:00	19.7	20.7	21.1	21.8	1.00	1.39	2.06	.39	1.05
03:00	19.6	20.3	20.7	21.0	.77	1.11	1.48	.34	.72
04:00	19.4	20.4	20.6	20.9	.97	1.20	1.51	.23	.55
05:00	19.6	20.5	20.7	21.3	.89	1.09	1.77	.20	.88
06:00	19.5	20.4	20.6	21.0	.92	1.16	1.50	.23	.58
07:00	20.4	20.5	20.7	20.9	.10	.32	.51	.21	.41
08:00	22.0	21.8	21.7	21.7	-.22	-.33	-.29	-.11	-.07
09:00	24.3	24.0	23.7	23.6	-.35	-.63	-.68	-.27	-.33
10:00	27.1	26.5	26.2	26.0	-.60	-.87	-1.02	-.27	-.42
11:00	28.9	28.1	27.8	27.6	-.78	-1.14	-1.30	-.36	-.52
12:00	30.1	29.3	29.0	28.9	-.81	-1.18	-1.26	-.37	-.45
13:00	31.2	30.4	30.1	30.1	-.76	-1.08	-1.13	-.31	-.37
14:00	32.3	31.3	31.0	30.9	-.96	-1.28	-1.37	-.32	-.41
15:00	32.4	31.7	31.4	31.3	-.72	-1.07	-1.16	-.35	-.44
16:00	32.9	32.2	31.8	31.7	-.72	-1.07	-1.22	-.35	-.50
17:00	32.9	32.4	32.0	31.8	-.53	-.86	-1.04	-.33	-.51
18:00	32.6	32.1	31.9	31.7	-.55	-.79	-.90	-.24	-.35
19:00	31.0	31.1	31.1	31.2	.17	.12	.17	-.04	.01
20:00	25.8	26.7	27.0	27.3	.85	1.16	1.51	.31	.66
21:00	22.3	23.3	23.9	24.3	1.03	1.64	2.01	.60	.98
22:00	21.9	23.0	23.3	23.4	1.09	1.33	1.48	.24	.40
23:00	21.1	22.1	22.6	22.9	.93	1.45	1.73	.52	.80
Avg	25.3	25.5	25.5	25.7	.16	.22	.39	.06	.24
Max	32.9	32.4	32.0	31.8	1.09	1.90	2.75	.85	1.70
Hr. of Max	17	17	17	17	22	00	00	00	00
Min	19.4	20.3	20.6	20.9	-.96	-1.28	-1.37	-.37	-.52
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/21/2015

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	19.2	19.8	19.6	26.6	94.0	91.7	16.4	17.0	0.014386
01:00	18.7	19.7	19.1	26.3	94.4	94.9	16.0	17.0	0.013969
02:00	18.5	19.7	18.9	26.1	94.6	96.3	15.8	17.0	0.013738
03:00	18.3	19.5	18.7	25.8	94.7	97.0	15.6	16.7	0.013623
04:00	18.3	19.6	18.6	25.6	95.0	97.4	15.6	16.9	0.013547
05:00	18.4	19.5	18.8	25.4	94.7	96.8	15.7	16.8	0.013634
06:00	18.3	19.5	18.7	25.2	95.0	96.9	15.6	16.8	0.013574
07:00	19.2	19.7	19.6	25.0	95.3	97.4	16.5	16.9	0.014388
08:00	20.1	20.1	20.8	24.8	91.6	92.4	17.4	17.3	0.015272
09:00	20.3	20.0	21.7	24.8	80.6	80.8	17.5	17.2	0.015468
10:00	21.3	20.9	23.2	24.9	72.9	73.6	18.4	18.0	0.016478
11:00	22.0	21.5	24.3	25.2	68.4	69.1	19.1	18.5	0.017249
12:00	22.1	21.7	24.8	25.9	64.4	65.5	19.2	18.7	0.017411
13:00	22.0	21.5	25.0	26.7	60.0	60.9	18.9	18.5	0.01725
14:00	21.4	21.0	25.0	27.4	54.7	56.3	18.3	17.9	0.016708
15:00	21.1	20.7	24.9	27.8	53.0	53.8	17.9	17.5	0.016364
16:00	20.8	20.5	24.9	28.1	50.9	51.7	17.6	17.3	0.016138
17:00	20.8	20.5	24.8	28.4	50.9	51.4	17.6	17.3	0.016112
18:00	20.6	20.4	24.6	28.6	50.9	51.6	17.4	17.1	0.015905
19:00	20.6	20.2	24.1	28.7	56.0	53.8	17.5	17.0	0.015871
20:00	20.1	19.6	22.0	28.8	74.0	68.0	17.2	16.6	0.015305
21:00	20.6	20.3	21.2	28.6	92.7	85.4	17.9	17.5	0.015761
22:00	20.1	19.8	20.7	28.3	91.4	84.2	17.3	17.0	0.015188
23:00	19.7	19.5	20.2	27.9	93.6	87.8	16.9	16.7	0.014805
Avg	20.1	20.2	21.8	26.7	77.7	77.3	17.2	17.3	0.015339
Max	22.1	21.7	25.0	28.8	95.3	97.4	19.2	18.7	0.017411
Hr. of Max	12	12	14	20	07	07	12	12	12
Min	18.3	19.5	18.6	24.8	50.9	51.4	15.6	16.6	0.013547
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/21/2015

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	0.014961	22.3	23.1	.00	29.09	985.1	-2.2	.00	272.6
01:00	0.014923	21.6	23.1	.00	29.10	985.4	-1.0	.00	284.2
02:00	0.014871	21.3	23.0	.00	29.10	985.6	-3.2	.00	317.3
03:00	0.014633	21.1	22.7	.00	29.11	985.8	-2.2	.00	244.2
04:00	0.014745	21.0	22.8	.00	29.12	986.2	-1.0	.00	7.2
05:00	0.014713	21.2	22.8	.00	29.13	986.5	-2.3	.00	286.7
06:00	0.014655	21.1	22.7	.00	29.14	986.8	8.3	.01	128.9
07:00	0.014801	22.3	22.9	.00	29.15	987.1	44.4	.06	242.3
08:00	0.015198	23.7	23.6	.00	29.16	987.5	206.7	.30	220.6
09:00	0.015191	24.0	23.5	.00	29.17	987.7	388.5	.56	219.3
10:00	0.016047	25.5	24.8	.00	29.16	987.4	685.8	.98	233.4
11:00	0.016645	26.6	25.7	.00	29.15	987.2	791.0	1.13	228.1
12:00	0.016908	26.9	26.1	.00	29.14	987.0	951.2	1.36	210.9
13:00	0.016752	26.6	25.9	.00	29.12	986.3	852.2	1.22	211.3
14:00	0.016293	25.8	25.2	.00	29.11	985.9	908.9	1.30	233.1
15:00	0.015943	25.3	24.6	.00	29.10	985.3	753.8	1.08	232.8
16:00	0.015751	24.9	24.3	.00	29.09	985.1	552.1	.79	233.0
17:00	0.015809	24.9	24.4	.00	29.08	984.8	498.9	.72	237.0
18:00	0.015633	24.6	24.1	.00	29.09	985.0	370.7	.53	253.4
19:00	0.015439	24.5	23.9	.00	29.10	985.5	171.5	.25	261.7
20:00	0.01482	23.7	23.0	.09	29.16	987.4	5.9	.01	28.1
21:00	0.015445	24.4	23.9	.00	29.17	988.0	-1.9	.00	54.8
22:00	0.014936	23.6	23.2	.00	29.20	988.8	-2.6	.00	79.4
23:00	0.014694	23.0	22.8	.00	29.18	988.2	-2.1	.00	353.6
Avg	0.015409	23.7	23.8	.00	29.13	986.5	298.8	.43	251.0
Max	0.016908	26.9	26.1	.09	29.20	988.8	951.2	1.36	353.6
Hr. of Max	12	12	12	20	22	22	12	12	23
Min	0.014633	21.0	22.7	.00	29.08	984.8	-3.2	.00	7.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/21/2015

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	236.7	233.3	270.9	234.4	27.0	27.7	12.0	1.0	1.4
01:00	228.7	238.4	272.9	239.8	57.0	33.8	11.0	.6	1.1
02:00	43.7	230.7	302.1	232.1	45.9	31.1	15.0	.4	.4
03:00	231.9	221.0	243.0	223.4	55.7	26.3	10.6	.7	1.3
04:00	18.0	276.1	3.4	313.4	35.8	39.1	33.4	.5	.8
05:00	180.3	197.4	278.0	210.1	29.4	40.9	26.9	.5	.1
06:00	88.6	108.1	308.4	102.4	30.2	42.5	35.6	.3	.2
07:00	244.1	228.0	246.6	233.1	31.5	24.0	25.5	1.5	1.8
08:00	232.5	237.0	228.0	239.1	24.5	18.5	14.7	1.8	2.5
09:00	225.6	227.1	225.1	229.4	20.8	15.6	13.0	3.5	4.5
10:00	244.7	246.2	237.7	247.4	31.7	26.0	25.4	3.1	4.1
11:00	239.1	234.3	232.5	235.6	35.5	27.5	24.0	3.6	4.5
12:00	219.8	220.5	217.1	222.3	25.7	19.7	17.3	5.7	7.3
13:00	220.8	221.7	218.1	224.0	27.8	20.6	16.1	5.3	7.1
14:00	239.3	239.4	239.5	241.3	23.3	17.2	14.5	6.5	8.8
15:00	237.8	235.7	238.5	237.8	22.7	16.3	12.0	5.8	8.2
16:00	239.1	237.3	238.7	239.5	22.2	16.8	13.7	7.7	10.5
17:00	240.9	239.0	242.5	240.9	23.8	18.1	14.7	5.2	7.4
18:00	257.7	259.0	258.6	260.2	24.6	17.6	13.4	4.7	7.0
19:00	264.1	265.2	265.7	266.0	25.0	15.6	12.6	3.3	5.5
20:00	40.0	41.0	26.0	35.4	50.9	40.6	34.9	1.7	3.3
21:00	86.0	70.7	72.1	66.8	77.3	31.3	17.1	.8	3.0
22:00	82.5	80.5	81.1	76.4	31.5	19.2	14.0	2.1	4.5
23:00	48.2	47.0	354.4	42.1	59.6	26.3	17.3	.5	2.2
Avg	232.0	231.0	259.0	238.0	35.0	25.5	18.5	.0	.0
Max	264.1	276.1	354.4	313.4	77.3	42.5	35.6	7.7	10.5
Hr. of Max	19	04	23	04	21	06	06	16	16
Min	18.0	41.0	3.4	35.4	20.8	15.6	10.6	.3	.1
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)

6/21/2015

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	2.0	1.3	1.5	2.0	1.6	2.3	.7	1.2	.03
01:00	2.1	.7	1.2	2.2	1.1	2.5	1.0	.6	.02
02:00	1.1	.7	.7	1.2	1.0	1.5	1.1	1.1	.01
03:00	2.3	.9	1.4	2.4	1.4	2.7	1.3	1.6	.02
04:00	.2	.8	.8	.8	1.2	1.2	2.7	.5	.05
05:00	.6	.6	.2	.6	1.0	1.0	.5	-1.2	.00
06:00	.4	1.2	1.3	1.3	1.6	1.6	2.2	.4	.04
07:00	1.9	1.7	1.9	1.9	2.1	2.2	-.7	-.7	-.06
08:00	3.0	2.0	2.6	3.1	2.4	3.4	-.2	-.8	-.06
09:00	5.2	3.7	4.6	5.3	4.1	5.8	-.2	-2.8	-.21
10:00	4.4	3.6	4.4	4.8	4.2	5.4	-1.0	-.4	-.24
11:00	5.3	4.1	5.0	5.8	4.8	6.5	2.1	3.0	-.02
12:00	8.2	6.2	7.7	8.5	6.8	9.2	-.4	-.8	-.29
13:00	8.5	6.0	7.6	8.8	6.6	9.5	-1.0	-1.6	-.29
14:00	9.8	7.0	9.2	10.2	7.7	10.9	-.6	-1.6	-.32
15:00	9.7	6.2	8.5	10.0	6.9	10.7	-.6	-.8	-.35
16:00	11.9	8.1	10.9	12.2	9.0	13.1	-2.5	-.9	-.64
17:00	8.8	5.6	7.7	9.1	6.1	9.8	1.8	1.9	-.11
18:00	8.8	5.0	7.2	9.0	5.8	9.6	-.4	.8	-.29
19:00	7.3	3.6	5.7	7.6	4.0	8.0	.3	.2	-.22
20:00	4.9	4.3	6.4	7.8	4.7	8.6	.3	.3	-.15
21:00	5.0	1.6	3.2	5.1	1.9	5.5	.8	1.2	-.03
22:00	5.8	2.4	4.8	6.0	2.8	6.4	3.7	1.9	.14
23:00	3.8	1.0	2.9	4.4	1.4	4.7	1.4	.9	.02
Avg	.0	3.3	4.5	5.4	3.8	5.9	.5	.2	-.12
Max	11.9	8.1	10.9	12.2	9.0	13.1	3.7	3.0	.14
Hr. of Max	16	16	16	16	16	16	22	11	22
Min	.2	.6	.2	.6	1.0	1.0	-2.5	-2.8	-.64
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/21/2015

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	.04	2.3	4.1	4.1	3.0	4.3	8.9	5.0
01:00	.03	2.3	3.0	3.9	2.5	4.5	7.9	3.5
02:00	.03	2.1	3.0	4.1	1.9	2.8	7.7	5.8
03:00	.07	3.2	3.4	3.9	3.9	4.2	10.9	3.7
04:00	.03	2.3	2.7	2.5	2.5	2.8	7.5	6.0
05:00	-.01	2.1	2.5	2.3	2.5	2.6	6.1	10.1
06:00	.02	3.4	3.0	3.4	4.0	3.7	7.7	4.3
07:00	-.01	5.7	5.5	5.0	4.9	4.2	8.3	5.3
08:00	-.10	4.6	5.3	6.6	5.2	7.6	15.1	8.3
09:00	-.35	8.0	8.2	8.7	8.7	9.9	19.2	11.6
10:00	-.26	9.6	11.2	12.8	10.9	13.1	21.6	20.6
11:00	.16	11.4	11.7	12.6	14.7	12.7	21.5	18.7
12:00	-.31	13.3	14.9	16.3	15.3	17.0	17.8	14.3
13:00	-.38	14.4	14.9	17.4	13.8	17.0	16.6	11.2
14:00	-.42	19.5	25.0	22.2	16.2	19.0	16.5	9.8
15:00	-.28	15.3	23.1	23.8	15.6	18.9	16.7	9.2
16:00	-.37	16.9	18.5	22.2	20.2	21.9	14.7	9.1
17:00	.09	18.3	24.7	28.4	16.0	20.0	19.9	11.6
18:00	-.05	13.5	16.3	17.9	13.0	16.6	17.6	10.6
19:00	-.08	11.2	13.3	15.3	12.1	17.5	17.7	9.1
20:00	.05	14.7	19.7	24.5	61.0	64.2	18.5	16.6
21:00	.07	8.5	10.8	18.8	9.3	11.9	17.4	9.5
22:00	.19	8.2	10.8	11.9	9.3	12.3	17.0	8.8
23:00	.09	4.4	8.0	11.0	4.3	8.5	17.1	6.9
Avg	-.07	9.0	11.0	12.5	11.3	13.2	14.6	9.6
Max	.19	19.5	25.0	28.4	61.0	64.2	21.6	20.6
Hr. of Max	22	14	14	17	20	20	10	10
Min	-.42	2.1	2.5	2.3	1.9	2.6	6.1	3.5
Count	24	24	24	24	24	24	24	24
Total								