Date Printed: 06/01/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/31/2015

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	19.8	22.6	22.9	23.0	2.85	3.12	3.22	.27	.38
01:00	18.9	20.9	22.3	22.6	2.02	3.44	3.70	1.42	1.69
02:00	18.4	20.3	21.2	21.7	1.90	2.80	3.32	.90	1.42
03:00	18.8	20.3	20.6	21.3	1.47	1.80	2.54	.33	1.07
04:00	18.4	19.5	20.3	21.0	1.09	1.92	2.64	.83	1.54
05:00	17.6	19.0	19.4	20.3	1.35	1.80	2.70	.45	1.35
06:00	17.2	18.4	18.9	19.7	1.16	1.65	2.51	.49	1.35
07:00	18.4	18.6	19.0	19.7	.20	.60	1.26	.40	1.06
08:00	21.5	21.2	21.0	21.2	-.29	-.45	-.27	-.16	.01
09:00	23.5	22.8	22.5	22.4	-.69	-.99	-1.11	-.29	-.42
10:00	23.7	23.1	22.8	22.7	-.59	-.87	-1.00	-.28	-.41
11:00	24.5	23.4	23.1	22.9	-1.07	-1.34	-1.51	-.27	-.44
12:00	22.6	22.2	22.0	22.0	-.44	-.62	-.63	-.18	-.19
13:00	23.2	22.5	22.3	22.2	-.65	-.89	-.96	-.24	-.30
14:00	25.1	24.3	23.9	23.8	-.86	-1.23	-1.33	-.37	-.47
15:00	23.5	23.3	23.1	23.1	-.24	-.39	-.44	-.15	-.20
16:00	18.8	18.8	18.8	18.9	.07	.09	.14	.02	.07
17:00	19.0	19.0	18.9	18.9	-.09	-.14	-.14	-.05	-.05
18:00	19.7	19.4	19.3	19.3	-.27	-.42	-.37	-.15	-.11
19:00	19.9	19.8	19.6	19.6	-.18	-.31	-.32	-.13	-.14
20:00	19.5	19.6	19.7	19.8	.11	.20	.28	.09	.17
21:00	18.7	19.0	19.4	19.5	.26	.64	.77	.39	.51
22:00	18.1	18.7	18.9	19.1	.60	.78	.98	.18	.38
23:00	17.6	18.5	18.7	18.9	.86	1.07	1.30	.21	.44
Avg	20.3	20.6	20.8	21.0	.36	.51	.72	.15	.36
Max	25.1	24.3	23.9	23.8	2.85	3.44	3.70	1.42	1.69
Hr. of Max	14	14	14	14	00	01	01	01	01
Min	17.2	18.4	18.7	18.9	-1.07	-1.34	-1.51	-.37	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/31/2015

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	16.9	16.6	17.9	25.0	85.1	70.4	14.3	13.9	0.012405
01:00	16.5	16.5	17.3	24.8	88.0	77.9	14.0	13.9	0.012107
02:00	16.4	16.6	17.1	24.5	89.7	81.1	13.9	14.0	0.012017
03:00	16.6	16.8	17.4	24.3	89.1	81.9	14.1	14.1	0.012215
04:00	16.5	16.8	17.2	24.1	90.8	86.4	14.0	14.2	0.012127
05:00	16.1	16.9	16.6	23.9	92.8	89.5	13.7	14.3	0.01181
06:00	15.8	16.8	16.3	23.6	93.4	92.4	13.5	14.3	0.011579
07:00	16.6	16.7	17.2	23.4	91.2	90.4	14.1	14.1	0.012189
08:00	17.5	17.1	18.8	23.3	80.0	79.0	14.8	14.4	0.012933
09:00	17.5	17.2	19.5	23.2	70.7	72.2	14.7	14.4	0.012941
10:00	18.1	18.0	20.0	23.2	72.9	74.7	15.3	15.2	0.013469
11:00	18.0	17.9	20.2	23.3	69.2	73.1	15.2	15.1	0.013384
12:00	18.9	18.7	20.2	23.7	82.1	83.0	16.1	15.9	0.014143
13:00	19.7	19.1	20.8	24.1	83.0	83.0	16.8	16.2	0.01485
14:00	19.3	18.9	21.2	24.3	72.0	73.9	16.4	16.0	0.014519
15:00	17.6	17.4	19.6	24.5	71.8	71.7	14.8	14.6	0.01305
16:00	17.3	17.3	17.8	24.3	93.4	92.6	14.7	14.7	0.012762
17:00	17.6	17.4	18.1	23.8	93.3	92.7	15.0	14.8	0.012989
18:00	18.4	18.1	18.8	23.5	93.9	94.0	15.7	15.4	0.013638
19:00	18.4	18.2	18.9	23.4	92.8	92.6	15.7	15.5	0.013679
20:00	18.4	18.5	18.8	23.3	95.5	95.2	15.7	15.8	0.013688
21:00	17.8	18.0	18.1	23.2	96.6	96.4	15.2	15.4	0.013165
22:00	17.3	18.1	17.6	23.1	96.9	98.1	14.7	15.4	0.012711
23:00	16.8	17.8	17.1	23.0	97.1	98.2	14.3	15.2	0.012344
Avg	17.5	17.6	18.4	23.8	86.7	85.0	14.9	14.9	0.012946
Max	19.7	19.1	21.2	25.0	97.1	98.2	16.8	16.2	0.01485
Hr. of Max	13	13	14	00	23	23	13	13	13
Min	15.8	16.5	16.3	23.0	69.2	70.4	13.5	13.9	0.011579
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)

5/31/2015

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	0.012218	19.3	19.0	.00	29.14	986.8	-3.4	.00	254.1
01:00	0.012143	18.8	18.9	.00	29.14	986.8	-2.5	.00	262.9
02:00	0.012219	18.7	19.0	.00	29.14	986.7	-2.0	.00	271.8
03:00	0.01231	19.0	19.1	.00	29.14	986.7	-1.5	.00	330.4
04:00	0.012358	18.9	19.2	.00	29.13	986.5	-3.5	.00	266.6
05:00	0.012408	18.4	19.3	.00	29.13	986.6	-3.2	.00	351.8
06:00	0.012328	18.0	19.2	.00	29.14	986.9	7.6	.01	279.7
07:00	0.012229	19.0	19.0	.00	29.15	987.3	100.8	.14	233.0
08:00	0.012556	20.1	19.5	.00	29.16	987.5	278.0	.40	222.7
09:00	0.012666	20.1	19.7	.00	29.16	987.6	466.0	.67	225.3
10:00	0.013322	20.9	20.7	.00	29.18	988.0	307.0	.44	254.1
11:00	0.013259	20.8	20.6	.00	29.18	988.1	826.5	1.18	302.2
12:00	0.013967	22.0	21.7	.07	29.18	988.0	218.9	.31	287.4
13:00	0.014285	23.0	22.2	.00	29.16	987.4	764.4	1.10	106.1
14:00	0.014145	22.5	21.9	.00	29.14	986.8	630.1	.90	143.2
15:00	0.012871	20.3	20.0	1.02	29.14	986.8	444.9	.64	156.5
16:00	0.012705	19.8	19.8	.02	29.15	987.3	25.2	.04	131.4
17:00	0.012834	20.2	19.9	.05	29.14	986.7	91.7	.13	222.3
18:00	0.013422	21.2	20.8	.00	29.13	986.5	161.4	.23	319.8
19:00	0.013496	21.2	20.9	.00	29.12	986.1	103.3	.15	20.2
20:00	0.013731	21.2	21.3	.00	29.11	986.0	23.2	.03	6.1
21:00	0.013351	20.5	20.7	.00	29.14	986.7	-3.4	.00	311.7
22:00	0.013356	19.8	20.8	.00	29.16	987.5	-3.4	.00	23.4
23:00	0.013172	19.2	20.5	.00	29.16	987.4	-3.3	.00	5.0
Avg	0.012973	20.1	20.2	.05	29.15	987.0	184.3	.27	282.0
Max	0.014285	23.0	22.2	1.02	29.18	988.1	826.5	1.18	351.8
Hr. of Max	13	13	13	15	12	11	11	11	05
Min	0.012143	18.0	18.9	.00	29.11	986.0	-3.5	.00	5.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/31/2015

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	238.8	220.8	258.0	222.8	13.7	11.6	9.7	2.2	3.9
01:00	257.8	240.7	261.6	242.1	21.2	7.8	6.1	.9	3.4
02:00	225.3	249.2	271.3	250.7	34.4	16.9	16.1	.7	2.1
03:00	219.4	226.1	313.5	227.9	23.0	46.3	15.6	.4	.4
04:00	245.1	229.0	265.3	231.2	19.4	15.2	5.7	1.0	1.6
05:00	62.4	165.9	356.8	139.6	44.1	46.6	19.7	.4	.9
06:00	308.8	80.4	273.3	87.9	27.9	43.4	25.3	.8	.2
07:00	237.7	213.3	235.8	213.4	24.0	28.5	21.4	.9	.6
08:00	249.6	266.0	216.4	266.2	52.5	50.2	22.7	1.1	1.7
09:00	235.9	237.0	230.2	238.7	28.5	22.2	17.8	3.3	4.2
10:00	263.9	265.0	258.7	265.3	28.2	21.8	19.0	3.6	4.8
11:00	313.0	308.3	304.6	304.5	34.4	28.6	22.9	4.0	5.1
12:00	276.9	274.5	279.3	273.9	45.3	28.9	23.4	2.6	3.7
13:00	114.3	122.5	109.3	120.6	19.1	16.0	17.7	3.1	3.2
14:00	148.6	152.2	149.6	151.3	43.0	42.1	36.3	1.8	2.0
15:00	210.4	223.2	171.4	228.8	59.4	56.0	51.3	2.4	3.9
16:00	134.5	142.3	135.4	143.5	34.9	22.7	18.7	2.7	4.5
17:00	203.0	186.4	229.0	188.8	35.6	27.4	21.5	.8	2.0
18:00	313.8	290.8	321.4	289.5	32.5	31.1	28.4	1.9	2.4
19:00	27.1	21.5	23.6	16.5	26.0	19.5	23.0	1.4	2.3
20:00	37.6	59.3	4.4	55.5	24.2	33.2	31.7	1.1	1.9
21:00	26.8	59.8	315.3	51.7	41.9	15.1	39.2	.7	1.3
22:00	50.9	63.7	22.9	59.8	21.0	16.0	10.4	1.2	2.2
23:00	63.9	72.7	348.6	68.2	35.4	35.4	16.9	.6	1.1
Avg	253.0	214.0	279.0	217.0	32.1	28.4	21.7	.0	.0
Max	313.8	308.3	356.8	304.5	59.4	56.0	51.3	4.0	5.1
Hr. of Max	18	11	05	11	15	15	15	11	11
Min	26.8	21.5	4.4	16.5	13.7	7.8	5.7	.4	.2
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)

5/31/2015

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	5.2	2.3	4.0	5.3	2.7	5.7	.7	-.3	.00
01:00	4.6	1.0	3.4	4.6	1.4	5.0	2.6	1.5	.06
02:00	3.4	1.0	2.3	3.5	1.3	3.8	1.5	1.9	.03
03:00	1.9	.5	.5	2.0	.8	2.3	1.4	1.0	.02
04:00	2.7	1.0	1.7	2.8	1.4	3.1	1.5	1.9	.04
05:00	.5	.5	.9	1.1	.8	1.5	.7	.3	.01
06:00	.2	.9	.4	.4	1.3	.8	1.4	.1	.02
07:00	.5	1.0	.6	.6	1.4	1.0	.9	1.7	.02
08:00	2.5	1.4	1.9	2.6	1.9	3.0	4.2	.0	.06
09:00	4.7	3.6	4.5	5.0	4.2	5.5	.7	.0	-.09
10:00	5.8	4.2	5.5	6.5	4.9	6.9	1.0	.9	-.16
11:00	5.9	4.7	5.7	6.4	5.2	6.9	-5.3	-6.3	-.72
12:00	4.4	3.0	4.4	5.6	3.4	6.0	-3.8	-3.3	-.39
13:00	3.4	3.3	3.4	3.6	4.0	4.1	1.2	2.4	.01
14:00	2.3	3.2	3.7	4.1	4.0	4.7	5.9	2.4	.32
15:00	5.1	5.7	7.0	7.8	6.5	8.7	-1.2	-7.2	-.32
16:00	6.1	3.7	5.1	6.6	4.3	7.2	4.3	5.5	.15
17:00	3.3	1.3	2.4	3.7	1.9	4.1	-2.7	.7	-.11
18:00	2.0	2.2	2.9	2.8	2.5	3.1	-.5	-4.3	-.17
19:00	2.7	1.6	2.7	3.2	2.0	3.6	-.1	-1.0	-.14
20:00	1.9	1.2	2.0	2.0	1.5	2.4	-4.8	-.9	-.16
21:00	1.2	1.1	1.4	1.3	1.3	1.6	-.3	.5	-.04
22:00	3.1	1.3	2.3	3.2	1.6	3.5	-2.1	-.5	-.10
23:00	2.0	1.1	1.3	2.1	1.3	2.4	.9	-.3	.00
Avg	.0	2.1	2.9	3.6	2.6	4.0	.3	-.1	-.07
Max	6.1	5.7	7.0	7.8	6.5	8.7	5.9	5.5	.32
Hr. of Max	16	15	15	15	15	15	14	16	14
Min	.2	.5	.4	.4	.8	.8	-5.3	-7.2	-.72
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/31/2015

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	-.06	6.9	7.1	12.1	6.1	10.1	9.8	6.9
01:00	.13	2.5	6.2	7.6	2.9	7.3	9.0	3.7
02:00	.12	2.7	4.4	6.9	3.1	7.4	9.1	5.2
03:00	.04	2.3	2.3	3.9	2.1	4.3	6.3	6.0
04:00	.10	2.7	4.1	7.6	2.8	4.8	5.9	3.7
05:00	.03	1.6	2.1	5.3	1.7	3.2	7.2	7.4
06:00	.00	2.7	3.2	1.8	3.0	2.1	6.8	8.8
07:00	.03	2.5	2.3	2.5	3.3	2.2	10.1	11.8
08:00	-.10	8.0	9.2	10.5	9.3	10.7	26.1	15.3
09:00	-.16	8.9	9.2	9.2	10.8	9.9	19.8	17.4
10:00	-.12	11.4	12.8	12.6	12.2	13.0	20.3	14.3
11:00	-1.03	14.4	12.8	13.1	13.7	15.1	22.7	18.4
12:00	-.53	11.0	13.5	14.7	12.4	15.0	18.1	12.4
13:00	.04	9.2	10.1	9.8	11.5	11.3	17.8	17.4
14:00	.06	12.8	14.9	16.5	10.0	11.1	22.8	23.0
15:00	-1.02	37.1	42.8	47.4	40.9	52.1	25.3	28.7
16:00	.58	14.7	31.4	33.4	14.8	50.5	17.0	11.5
17:00	.09	5.7	10.3	15.6	6.3	61.7	20.6	13.6
18:00	-.22	7.1	7.3	6.0	7.2	6.7	19.7	12.0
19:00	-.15	5.3	6.0	8.5	5.2	6.8	21.2	14.0
20:00	-.02	3.0	4.4	4.6	3.3	5.2	12.6	12.0
21:00	.02	4.1	7.6	7.1	3.1	4.3	12.3	7.4
22:00	-.04	3.2	4.8	5.3	3.7	5.4	10.3	3.9
23:00	.00	4.1	5.3	6.9	3.7	4.6	8.8	5.7
Avg	-.09	7.7	9.8	11.2	8.0	13.5	15.0	11.7
Max	.58	37.1	42.8	47.4	40.9	61.7	26.1	28.7
Hr. of Max	16	15	15	15	15	17	08	15
Min	-1.03	1.6	2.1	1.8	1.7	2.1	5.9	3.7
Count	24	24	24	24	24	24	24	24
Total								