Date Printed: 06/28/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/27/2015

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	20.7	20.7	20.7	20.9	-.05	-.01	.20	.04	.25
01:00	20.4	20.6	20.7	20.9	.19	.31	.47	.12	.28
02:00	20.5	20.8	20.8	20.9	.28	.31	.41	.03	.12
03:00	20.2	20.2	20.3	20.3	.03	.05	.12	.02	.09
04:00	20.4	20.3	20.3	20.5	-.05	-.01	.18	.04	.22
05:00	20.7	20.5	20.5	20.6	-.14	-.20	-.08	-.06	.05
06:00	20.9	20.7	20.6	20.8	-.13	-.21	-.08	-.09	.05
07:00	21.2	21.0	20.9	20.9	-.18	-.30	-.25	-.12	-.07
08:00	21.4	21.2	21.1	21.1	-.19	-.35	-.33	-.16	-.13
09:00	21.8	21.6	21.4	21.5	-.19	-.35	-.32	-.16	-.13
10:00	22.3	22.1	21.9	21.9	-.23	-.42	-.41	-.19	-.18
11:00	23.5	23.1	22.8	22.7	-.39	-.69	-.75	-.30	-.35
12:00	24.6	24.1	23.8	23.7	-.48	-.76	-.86	-.28	-.38
13:00	26.0	25.4	25.1	25.0	-.67	-.92	-1.03	-.25	-.36
14:00	25.9	25.2	24.9	24.8	-.74	-1.02	-1.13	-.28	-.38
15:00	23.8	23.4	23.2	23.2	-.46	-.66	-.66	-.20	-.20
16:00	23.2	22.7	22.5	22.5	-.53	-.72	-.72	-.19	-.19
17:00	25.2	24.7	24.5	24.4	-.56	-.75	-.86	-.19	-.30
18:00	24.5	24.2	24.0	23.9	-.37	-.54	-.59	-.17	-.23
19:00	23.2	23.0	22.9	22.8	-.21	-.37	-.40	-.16	-.19
20:00	21.6	22.0	21.9	21.9	.31	.27	.29	-.04	-.02
21:00	19.1	20.6	20.9	21.2	1.47	1.82	2.04	.34	.56
22:00	17.9	19.7	20.5	20.8	1.75	2.55	2.90	.80	1.15
23:00	17.3	19.7	20.0	20.3	2.46	2.74	3.02	.28	.56
Avg	21.9	22.0	21.9	22.0	.04	-.01	.05	-.05	.01
Max	26.0	25.4	25.1	25.0	2.46	2.74	3.02	.80	1.15
Hr. of Max	13	13	13	13	23	23	23	22	22
Min	17.3	19.7	20.0	20.3	-.74	-1.02	-1.13	-.30	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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6/27/2015

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	19.7	19.9	20.0	27.3	95.9	97.5	16.9	17.2	0.014889
01:00	19.4	19.8	19.8	27.1	96.1	97.6	16.7	17.1	0.01466
02:00	19.5	19.9	19.8	26.8	96.1	97.0	16.8	17.2	0.014737
03:00	19.2	19.5	19.5	26.6	95.8	97.5	16.4	16.7	0.014436
04:00	19.3	19.6	19.6	26.3	95.8	97.9	16.6	16.9	0.014557
05:00	19.5	19.7	19.9	26.1	95.3	97.2	16.8	17.0	0.014748
06:00	19.7	19.9	20.1	25.9	95.2	97.2	16.9	17.2	0.01491
07:00	20.0	20.1	20.4	25.8	95.2	96.8	17.2	17.3	0.015203
08:00	20.2	20.3	20.6	25.7	94.7	96.6	17.4	17.6	0.01538
09:00	20.4	20.5	20.8	25.6	94.2	95.9	17.6	17.8	0.015606
10:00	20.7	20.7	21.2	25.5	92.7	94.1	17.9	18.0	0.015915
11:00	21.0	20.6	21.8	25.5	88.3	88.6	18.2	17.9	0.016223
12:00	20.7	20.4	22.0	25.7	81.2	81.9	17.9	17.5	0.015972
13:00	20.3	20.0	22.2	25.9	72.6	74.0	17.3	17.0	0.015562
14:00	19.9	19.7	21.9	26.3	71.4	73.5	16.9	16.7	0.015205
15:00	19.8	19.5	21.1	26.6	80.4	81.5	16.9	16.7	0.015062
16:00	20.5	19.9	21.4	26.8	86.8	86.5	17.7	17.1	0.015744
17:00	19.1	18.6	21.1	26.7	70.7	71.1	16.1	15.7	0.014448
18:00	17.4	17.1	19.8	26.9	66.0	66.1	14.5	14.3	0.012932
19:00	16.0	15.7	18.4	26.9	65.3	65.0	13.4	13.2	0.011824
20:00	16.2	15.4	18.0	26.9	72.8	67.9	13.6	12.9	0.011938
21:00	16.6	15.5	17.4	26.7	87.0	74.1	14.0	13.0	0.012212
22:00	16.3	15.8	16.8	26.4	91.8	80.0	13.8	13.4	0.011976
23:00	15.9	15.7	16.3	26.1	93.3	79.2	13.5	13.2	0.011645
Avg	19.1	18.9	20.0	26.3	86.4	85.6	16.3	16.2	0.014408
Max	21.0	20.7	22.2	27.3	96.1	97.9	18.2	18.0	0.016223
Hr. of Max	11	10	13	00	02	04	11	10	11
Min	15.9	15.4	16.3	25.5	65.3	65.0	13.4	12.9	0.011645
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/27/2015

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	0.015087	23.0	23.3	.01	29.02	982.7	-1.4	.00	258.7
01:00	0.015059	22.6	23.2	.00	28.99	981.9	-2.8	.00	271.1
02:00	0.015138	22.7	23.3	.00	28.97	981.2	-3.2	.00	247.0
03:00	0.014722	22.2	22.7	.00	28.96	980.7	-1.5	.00	228.3
04:00	0.014827	22.4	22.8	.00	28.96	980.7	-1.2	.00	216.1
05:00	0.014915	22.7	23.0	.00	28.97	981.0	-2.6	.00	232.0
06:00	0.015104	23.0	23.3	.00	28.98	981.3	-.4	.00	233.5
07:00	0.01528	23.4	23.5	.00	28.98	981.3	27.6	.04	224.1
08:00	0.015489	23.7	23.8	.00	28.98	981.4	37.0	.05	221.0
09:00	0.0157	24.0	24.2	.02	28.98	981.5	91.6	.13	227.0
10:00	0.015915	24.5	24.5	.00	28.97	981.2	179.9	.26	232.3
11:00	0.01588	24.9	24.4	.01	28.97	981.1	491.6	.70	224.5
12:00	0.015644	24.6	24.1	.00	28.97	980.9	471.3	.68	227.1
13:00	0.015236	23.9	23.4	.00	28.94	980.2	535.5	.77	253.0
14:00	0.014988	23.4	23.1	.00	28.93	979.7	620.9	.88 +	264.1
15:00	0.014834	23.2	22.8	.44	28.93	979.6	414.4	.59	249.8
16:00	0.015177	24.2	23.3	.00	28.92	979.5	382.4	.55	248.9
17:00	0.014043	22.2	21.6	.00	28.92	979.4	461.2	.66	277.4
18:00	0.012678	20.0	19.6	.00	28.94	980.2	271.9	.39	275.0
19:00	0.011624	18.3	18.0	.00	28.97	981.1	152.4	.22	267.4
20:00	0.011359	18.5	17.6	.00	28.99	981.7	29.0	.04	277.0
21:00	0.011396	18.9	17.7	.00	29.01	982.4	-1.1	.00	270.6
22:00	0.011643	18.6	18.1	.00	29.03	983.2	-3.7	-.01	280.7
23:00	0.01153	18.1	17.9	.00	29.04	983.3	-3.3	.00	277.1
Avg	0.014303	22.2	22.1	.02	28.97	981.1	172.7	.25	249.0
Max	0.015915	24.9	24.5	.44	29.04	983.3	620.9	.88	280.7
Hr. of Max	10	11	10	15	23	23	14	14	22
Min	0.011359	18.1	17.6	.00	28.92	979.4	-3.7	-.01	216.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/27/2015

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	254.8	211.8	260.8	213.4	24.5	28.5	23.6	1.3	2.0
01:00	193.7	171.1	268.0	172.6	64.7	26.7	16.4	.2	1.0
02:00	249.8	241.7	252.1	243.3	27.8	19.6	14.8	2.0	3.3
03:00	241.2	248.5	232.7	250.1	19.4	10.4	9.1	2.1	3.6
04:00	232.6	241.4	219.4	243.2	27.9	13.6	10.0	1.9	4.0
05:00	234.5	230.8	237.4	232.8	24.7	13.4	7.5	1.3	3.3
06:00	236.5	229.6	240.0	231.7	27.2	11.2	6.4	1.5	3.7
07:00	209.4	198.9	232.4	200.2	26.4	25.6	14.1	.6	1.5
08:00	217.4	207.6	225.1	209.3	24.4	18.5	12.6	1.9	3.1
09:00	227.8	223.5	232.1	225.6	24.3	13.4	9.4	3.1	5.5
10:00	233.9	232.2	238.1	234.2	19.9	14.1	9.7	4.4	6.7
11:00	230.5	229.5	230.9	231.9	22.7	14.4	10.6	5.3	7.7
12:00	233.7	233.3	232.5	235.4	24.1	17.5	13.6	5.4	7.7
13:00	259.0	259.8	258.0	260.6	26.9	21.1	17.5	5.6	7.6
14:00	267.9	269.2	268.2	269.4	23.1	18.3	14.8	5.7	7.8
15:00	258.0	263.9	253.7	264.4	31.1	24.6	18.2	4.8	7.0
16:00	261.8	269.4	252.9	269.7	30.7	22.1	19.6	3.5	5.5
17:00	286.8	288.4	280.1	287.3	32.9	27.2	21.7	5.0	7.0
18:00	283.8	288.2	277.7	287.1	30.6	25.2	19.1	4.8	6.8
19:00	282.5	290.0	272.9	288.8	26.8	21.8	19.4	4.9	6.6
20:00	286.7	295.6	280.5	293.5	22.4	18.2	15.7	2.8	4.3
21:00	274.8	280.7	274.4	279.7	12.0	10.0	8.2	2.8	4.8
22:00	268.7	269.4	282.7	269.6	12.1	6.0	5.7	2.5	5.4
23:00	286.5	288.4	281.0	286.1	9.2	7.1	4.6	3.2	5.5
Avg	250.0	249.0	253.0	249.0	25.7	17.9	13.4	.0	.0
Max	286.8	295.6	282.7	293.5	64.7	28.5	23.6	5.7	7.8
Hr. of Max	17	20	22	20	01	00	00	14	14
Min	193.7	171.1	219.4	172.6	9.2	6.0	4.6	.2	1.0
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)

6/27/2015

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	1.8	1.4	2.1	1.9	1.8	2.3	.1	.2	-.02
01:00	2.5	.5	1.4	2.7	1.0	3.0	1.2	1.4	.03
02:00	4.6	2.2	3.9	5.6	2.6	5.9	.7	1.9	-.06
03:00	4.6	2.2	3.7	4.7	2.6	5.0	-.6	1.3	-.06
04:00	5.9	2.1	4.2	6.1	2.4	6.5	.4	1.6	-.03
05:00	4.9	1.5	3.4	5.0	2.0	5.4	-2.1	.6	-.09
06:00	5.9	1.7	3.8	5.9	2.1	6.4	.8	1.1	-.03
07:00	2.6	.8	1.8	2.8	1.2	3.1	1.4	-.7	.00
08:00	4.4	2.0	3.3	4.5	2.5	4.9	.2	1.4	-.05
09:00	7.9	3.3	5.7	8.0	4.0	8.7	.9	.9	-.13
10:00	8.4	4.6	6.9	8.6	5.1	9.2	-.2	.6	-.21
11:00	9.4	5.6	8.0	9.5	6.3	10.2	.8	-1.2	-.19
12:00	9.4	5.8	8.0	9.6	6.4	10.4	1.2	.5	-.14
13:00	9.4	6.3	8.4	10.1	6.9	10.7	-1.7	.8	-.49
14:00	9.4	6.3	8.4	10.0	6.9	10.5	-1.2	-1.6	-.46
15:00	8.9	5.8	8.4	10.4	6.5	10.9	-1.7	.0	-.43
16:00	6.9	4.1	6.0	7.4	4.7	7.9	.3	1.2	-.20
17:00	9.1	5.7	7.7	9.7	6.3	10.2	-2.4	-2.3	-.56
18:00	8.8	5.4	7.4	9.3	6.0	9.7	-2.3	-.5	-.53
19:00	8.4	5.3	7.0	8.9	5.8	9.2	-4.6	-2.5	-.71
20:00	5.8	3.1	4.5	6.1	3.4	6.2	-3.9	-2.9	-.33
21:00	7.0	2.9	4.9	7.1	3.2	7.2	-4.3	-.6	-.26
22:00	7.6	2.6	5.5	7.7	2.7	7.9	-4.9	.5	-.25
23:00	7.8	3.2	5.6	7.8	3.3	7.7	-4.7	-.4	-.29
Avg	.0	3.5	5.4	7.1	4.0	7.5	-1.1	.1	-.23
Max	9.4	6.3	8.4	10.4	6.9	10.9	1.4	1.9	.03
Hr. of Max	14	14	15	15	14	15	07	02	01
Min	1.8	.5	1.4	1.9	1.0	2.3	-4.9	-2.9	-.71
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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6/27/2015

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	.00	3.7	3.7	4.1	4.0	4.7	9.2	7.5
01:00	.07	2.1	4.8	6.0	3.1	6.8	15.0	10.8
02:00	.16	7.3	8.5	9.8	7.4	10.8	14.0	7.4
03:00	.10	4.4	8.0	11.0	4.8	8.7	10.4	5.0
04:00	.14	7.1	9.2	11.4	7.9	12.4	14.1	6.6
05:00	.06	4.4	8.2	12.6	4.9	8.1	13.8	4.0
06:00	.10	4.8	8.7	11.4	4.9	10.0	15.9	4.0
07:00	-.05	3.0	6.6	8.2	3.3	5.6	16.8	7.1
08:00	.10	5.0	7.1	8.2	6.0	8.8	16.0	7.9
09:00	.03	9.4	13.5	14.2	10.0	15.1	18.0	7.6
10:00	.03	11.7	13.5	19.5	12.3	16.6	17.1	7.3
11:00	-.31	13.7	16.0	17.2	16.4	17.8	17.9	8.1
12:00	-.09	15.8	21.3	22.9	15.4	18.7	17.6	11.0
13:00	-.01	15.8	18.1	19.5	16.9	19.6	17.5	12.1
14:00	-.49	15.6	17.4	29.1	17.0	22.1	19.2	11.7
15:00	-.24	24.7	28.9	29.8	21.2	31.6	18.4	12.0
16:00	-.12	19.5	17.6	20.6	19.7	22.4	20.1	14.6
17:00	-.91	19.5	22.0	21.8	18.4	23.7	21.2	16.4
18:00	-.44	18.1	19.2	22.2	18.8	23.3	19.9	15.5
19:00	-.66	15.3	20.6	19.9	16.3	22.4	18.8	14.1
20:00	-.51	8.9	10.5	11.4	10.1	12.1	14.2	12.9
21:00	-.12	6.2	11.7	14.9	6.7	10.9	7.5	5.8
22:00	.06	6.4	8.7	16.7	6.2	11.2	7.0	3.4
23:00	-.07	7.3	11.7	16.9	5.7	10.2	6.5	3.9
Avg	-.13	10.4	13.1	15.8	10.7	14.7	15.3	9.0
Max	.16	24.7	28.9	29.8	21.2	31.6	21.2	16.4
Hr. of Max	02	15	15	15	15	15	17	17
Min	-.91	2.1	3.7	4.1	3.1	4.7	6.5	3.4
Count	24	24	24	24	24	24	24	24
Total								