Date Printed: 03/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/10/2015

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	9.8	10.3	10.5	10.8	.48	.63	.94	.14	.45
01:00	9.9	10.3	10.3	10.4	.40	.37	.44	-.04	.03
02:00	9.9	10.2	10.2	10.4	.34	.39	.53	.05	.19
03:00	9.8	10.0	9.9	10.0	.22	.14	.23	-.08	.00
04:00	9.8	9.9	9.9	9.9	.19	.11	.17	-.07	-.02
05:00	9.8	10.0	9.9	10.0	.20	.16	.22	-.05	.01
06:00	9.8	10.0	10.0	10.0	.19	.18	.24	-.02	.05
07:00	9.8	10.0	10.0	10.0	.22	.17	.16	-.06	-.07
08:00	9.9	10.0	9.9	9.9	.14	.05	.05	-.09	-.10
09:00	10.5	10.4	10.2	10.1	-.11	-.31	-.40	-.20	-.29
10:00	11.2	11.1	10.9	10.8	-.15	-.36	-.43	-.22	-.28
11:00	12.5	12.3	12.0	12.0	-.19	-.42	-.48	-.23	-.30
12:00	12.9	12.7	12.5	12.4	-.20	-.39	-.46	-.19	-.27
13:00	12.6	12.4	12.2	12.2	-.15	-.32	-.39	-.17	-.24
14:00	12.3	12.2	12.1	12.0	-.12	-.29	-.34	-.17	-.21
15:00	12.7	12.6	12.5	12.6	-.08	-.21	-.16	-.14	-.08
16:00	14.1	14.0	13.8	13.8	-.16	-.33	-.35	-.17	-.20
17:00	14.9	14.7	14.6	14.5	-.12	-.30	-.36	-.18	-.24
18:00	14.5	14.5	14.3	14.3	.01	-.16	-.21	-.16	-.22
19:00	13.9	14.3	14.2	14.2	.40	.34	.35	-.06	-.05
20:00	13.5	14.1	14.2	14.2	.64	.67	.77	.03	.12
21:00	13.2	14.0	14.1	14.3	.79	.87	1.09	.08	.30
22:00	13.1	14.0	14.5	14.9	.90	1.35	1.81	.45	.91
23:00	13.2	14.2	14.6	15.3	1.00	1.43	2.10	.43	1.10
Avg	11.8	12.0	12.0	12.0	.20	.16	.23	-.05	.02
Max	14.9	14.7	14.6	15.3	1.00	1.43	2.10	.45	1.10
Hr. of Max	17	17	23	23	23	23	23	22	23
Min	9.8	9.9	9.9	9.9	-.20	-.42	-.48	-.23	-.30
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/10/2015

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	9.1	9.2	9.3	9.2	96.1	93.6	8.8	8.9	0.007331
01:00	9.3	9.3	9.5	9.2	96.7	94.1	9.0	8.9	0.00743
02:00	9.2	9.1	9.4	9.1	97.0	94.1	8.9	8.9	0.007417
03:00	9.2	9.2	9.4	9.1	97.2	96.3	8.9	8.9	0.00739
04:00	9.2	9.3	9.4	9.0	97.4	97.0	8.9	9.0	0.007412
05:00	9.2	9.3	9.4	9.0	97.6	97.0	8.9	9.0	0.007431
06:00	9.2	9.3	9.4	9.0	97.6	96.9	8.9	9.0	0.007439
07:00	9.3	9.3	9.5	9.0	97.6	96.3	9.0	9.0	0.007459
08:00	9.2	9.1	9.5	9.0	97.1	95.3	9.0	8.9	0.007446
09:00	9.6	9.4	9.9	9.0	95.3	94.6	9.1	9.0	0.007614
10:00	9.9	9.7	10.3	9.0	92.8	92.5	9.3	9.2	0.00779
11:00	10.9	10.6	11.4	9.1	91.5	90.8	9.9	9.7	0.008341
12:00	10.9	10.6	11.6	9.3	88.8	88.3	9.9	9.7	0.008338
13:00	11.3	11.2	11.7	9.5	93.6	94.0	10.2	10.1	0.008589
14:00	11.5	11.5	11.8	9.9	95.7	96.4	10.3	10.3	0.008665
15:00	11.9	11.9	12.1	10.1	95.9	96.7	10.6	10.6	0.008905
16:00	13.1	13.0	13.4	10.2	94.9	95.6	11.4	11.4	0.009669
17:00	13.6	13.5	14.0	10.3	93.5	93.9	11.7	11.7	0.009987
18:00	13.3	13.3	13.7	10.5	94.1	93.8	11.5	11.5	0.009801
19:00	13.1	13.1	13.3	10.6	96.4	94.4	11.4	11.4	0.009656
20:00	12.8	13.2	13.1	10.6	97.4	95.6	11.2	11.5	0.009504
21:00	12.6	13.2	12.8	10.6	97.7	96.6	11.1	11.5	0.009365
22:00	12.6	13.4	12.8	10.6	97.9	97.5	11.0	11.6	0.009329
23:00	12.6	13.6	12.8	10.6	97.9	98.1	11.1	11.8	0.009351
Avg	10.9	11.0	11.2	9.6	95.7	95.0	10.0	10.1	0.008402
Max	13.6	13.6	14.0	10.6	97.9	98.1	11.7	11.8	0.009987
Hr. of Max	17	23	17	23	23	23	17	23	17
Min	9.1	9.1	9.3	9.0	88.8	88.3	8.8	8.9	0.007331
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/10/2015

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	0.007377	11.6	11.6	.02	29.29	991.9	-2.4	.00	359.0
01:00	0.007426	11.7	11.7	.01	29.27	991.2	-2.4	.00	38.3
02:00	0.007361	11.7	11.6	.02	29.25	990.6	-2.0	.00	38.9
03:00	0.007429	11.6	11.7	.10	29.24	990.1	-1.8	.00	45.4
04:00	0.00747	11.6	11.7	.03	29.20	989.0	-2.3	.00	48.1
05:00	0.007492	11.7	11.8	.04	29.19	988.6	-1.9	.00	52.1
06:00	0.007478	11.7	11.7	.05	29.19	988.6	-1.9	.00	47.6
07:00	0.007466	11.7	11.7	.01	29.18	988.3	-2.4	.00	55.6
08:00	0.00738	11.7	11.6	.00	29.18	988.3	10.4	.01	50.0
09:00	0.007506	12.0	11.8	.00	29.19	988.5	87.2	.12	82.1
10:00	0.007688	12.2	12.1	.00	29.19	988.6	115.5	.17	283.6
11:00	0.008172	13.1	12.8	.00	29.18	988.2	233.9	.34	215.4
12:00	0.008181	13.1	12.8	.00	29.18	988.1	148.2	.21	250.4
13:00	0.008536	13.5	13.4	.06	29.17	987.8	102.7	.15	247.7
14:00	0.008658	13.6	13.6	.04	29.15	987.2	55.6	.08	243.2
15:00	0.00893	13.9	14.0	.00	29.13	986.6	66.2	.09	228.6
16:00	0.009643	15.1	15.1	.00	29.12	986.2	140.1	.20	243.5
17:00	0.009945	15.6	15.5	.00	29.12	986.1	103.2	.15	259.3
18:00	0.009781	15.3	15.3	.00	29.12	986.1	29.5	.04	261.1
19:00	0.0097	15.1	15.1	.00	29.13	986.5	.2	.00	249.0
20:00	0.009727	14.9	15.2	.00	29.15	987.1	-1.6	.00	217.5
21:00	0.009754	14.6	15.2	.01	29.16	987.5	-1.8	.00	241.5
22:00	0.009848	14.6	15.4	.00	29.17	987.9	-1.5	.00	212.5
23:00	0.009996	14.6	15.6	.00	29.18	988.2	-2.1	.00	220.7
Avg	0.008456	13.2	13.3	.02	29.18	988.2	44.5	.07	271.0
Max	0.009996	15.6	15.6	.10	29.29	991.9	233.9	.34	359.0
Hr. of Max	23	17	23	03	00	00	11	11	00
Min	0.007361	11.6	11.6	.00	29.12	986.1	-2.4	.00	38.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/10/2015

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	54.2	66.9	2.6	59.5	34.7	34.4	5.7	.3	.2
01:00	54.7	64.7	38.0	60.7	13.8	8.9	5.8	1.2	1.8
02:00	44.6	44.2	35.4	39.5	30.1	29.6	19.9	.9	2.0
03:00	74.2	73.6	32.9	69.1	57.4	43.3	32.6	.7	1.6
04:00	57.3	57.3	49.4	53.1	21.8	9.4	4.6	1.9	4.5
05:00	59.0	61.7	52.9	57.3	23.8	11.4	7.1	1.4	3.3
06:00	40.2	42.0	47.6	36.3	23.6	13.0	10.4	1.5	3.6
07:00	55.6	55.3	57.0	50.7	19.1	12.3	8.4	2.1	4.5
08:00	56.5	62.4	50.1	58.2	25.4	14.3	11.6	1.9	4.1
09:00	86.0	79.1	96.2	69.8	65.8	49.8	38.2	.7	1.1
10:00	332.1	337.4	263.4	331.7	53.8	45.4	39.5	.1	.4
11:00	228.7	232.3	220.2	233.9	36.5	30.9	27.5	1.7	2.3
12:00	259.0	260.4	255.4	261.4	26.3	19.7	17.2	4.0	5.1
13:00	257.4	258.1	252.9	259.4	20.4	16.0	14.0	4.0	5.4
14:00	250.6	250.1	247.4	251.8	20.3	16.5	12.0	2.5	3.8
15:00	238.4	238.5	234.1	240.5	19.4	13.8	10.9	2.6	4.3
16:00	249.3	247.1	247.3	248.7	17.0	12.5	9.5	3.1	4.5
17:00	261.7	257.9	263.0	259.2	18.5	15.1	12.7	2.6	3.6
18:00	271.4	274.7	263.8	275.1	22.6	18.3	16.6	1.5	2.2
19:00	265.2	268.7	252.4	269.2	14.4	10.4	8.1	1.6	2.7
20:00	225.8	242.3	222.1	244.1	19.4	14.6	11.8	1.6	2.4
21:00	234.8	234.4	245.0	236.5	14.8	8.4	6.9	1.3	2.7
22:00	224.5	257.9	219.3	259.2	37.2	12.2	9.4	1.0	2.8
23:00	216.3	249.8	229.7	251.0	35.5	8.5	8.1	1.2	2.7
Avg	282.0	294.0	275.0	301.0	28.0	19.5	14.5	.0	.0
Max	332.1	337.4	263.8	331.7	65.8	49.8	39.5	4.0	5.4
Hr. of Max	10	10	18	10	09	09	10	13	13
Min	40.2	42.0	2.6	36.3	13.8	8.4	4.6	.1	.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)

3/10/2015

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	.6	.4	.2	.6	.8	1.1	.8	-.2	.00
01:00	2.3	1.2	1.8	2.3	1.5	2.7	-3.7	.0	-.11
02:00	2.9	1.2	2.3	3.2	1.5	3.7	-1.3	-.6	-.07
03:00	2.0	.8	1.7	2.1	1.2	2.6	-1.6	-2.3	-.08
04:00	6.0	2.0	4.6	6.0	2.4	6.4	-.8	-1.9	-.13
05:00	4.3	1.5	3.4	4.4	1.9	4.8	-3.1	-1.7	-.15
06:00	5.0	1.6	3.6	5.1	2.0	5.5	-1.1	-.6	-.08
07:00	5.8	2.2	4.6	5.8	2.6	6.3	-1.0	-.5	-.14
08:00	5.3	2.0	4.2	5.4	2.3	5.8	-.8	-1.1	-.15
09:00	1.3	.9	1.3	1.5	1.4	2.0	2.6	5.1	.06
10:00	.6	1.0	1.2	1.2	1.4	1.6	3.2	-5.9	.07
11:00	2.8	2.0	2.6	3.0	2.6	3.6	-.4	-.1	-.05
12:00	6.1	4.4	5.4	6.4	4.9	6.8	.4	.3	-.14
13:00	6.5	4.2	5.6	6.7	4.8	7.3	.2	.1	-.15
14:00	5.0	2.7	4.0	5.2	3.4	5.7	.7	1.6	-.06
15:00	6.0	2.9	4.6	6.3	3.4	6.7	-.4	1.2	-.10
16:00	5.7	3.3	4.6	5.7	3.9	6.2	.4	-.1	-.05
17:00	4.5	2.7	3.8	4.8	3.1	5.1	-.1	1.8	-.10
18:00	2.9	1.6	2.3	3.1	2.0	3.3	.2	-.2	-.03
19:00	3.8	1.7	2.8	3.9	2.1	4.1	.8	.2	.01
20:00	3.1	1.8	2.6	3.3	2.2	3.6	1.7	.9	.04
21:00	3.9	1.4	2.9	4.0	1.9	4.4	-.9	.6	-.03
22:00	4.3	1.2	3.0	4.4	1.6	4.7	2.0	2.7	.06
23:00	4.1	1.3	2.8	4.1	1.7	4.5	1.0	2.0	.01
Avg	.0	1.9	3.2	4.1	2.4	4.5	-.1	.1	-.06
Max	6.5	4.4	5.6	6.7	4.9	7.3	3.2	5.1	.07
Hr. of Max	13	12	13	13	12	13	10	09	10
Min	.6	.4	.2	.6	.8	1.1	-3.7	-5.9	-.15
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/10/2015

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	2.1	1.6	2.3	2.4	2.7	7.0	5.1
01:00	.00	3.7	3.2	3.9	2.6	3.6	6.0	3.4
02:00	-.04	3.7	4.8	6.0	3.2	6.0	12.6	4.5
03:00	-.09	4.6	6.2	7.1	6.0	7.9	11.0	6.6
04:00	-.22	7.1	11.2	11.9	5.8	8.6	17.2	3.0
05:00	-.15	3.9	8.7	12.4	4.8	7.5	14.3	4.1
06:00	-.08	4.4	10.5	8.9	4.5	9.6	15.5	5.8
07:00	-.09	6.6	9.2	9.6	7.2	10.5	15.8	6.1
08:00	-.18	6.2	8.2	11.9	7.0	10.5	20.8	7.9
09:00	.19	5.0	5.3	6.9	4.8	5.1	22.4	19.2
10:00	-.16	3.0	3.7	4.1	3.4	4.6	22.2	15.2
11:00	.00	6.2	7.6	9.2	7.6	10.5	21.4	18.8
12:00	-.07	10.1	11.4	11.9	10.9	12.8	15.5	11.2
13:00	-.09	10.3	12.4	15.8	11.3	16.0	14.1	9.6
14:00	.08	6.6	10.3	11.2	8.3	11.3	14.3	8.3
15:00	.09	6.4	8.5	12.1	7.9	11.5	13.6	6.0
16:00	-.05	6.9	14.2	14.4	8.1	10.3	12.7	7.4
17:00	.09	8.0	8.0	10.3	6.7	8.3	14.5	9.0
18:00	-.05	4.4	7.6	7.6	5.1	6.6	14.9	9.3
19:00	.00	3.2	6.0	6.2	3.9	6.9	7.3	4.6
20:00	.05	3.4	4.8	7.3	4.4	6.6	7.8	5.3
21:00	.05	3.2	6.4	7.6	3.4	6.8	3.9	2.3
22:00	.21	3.9	8.2	11.7	4.3	9.2	8.2	5.5
23:00	.14	4.8	6.4	9.4	5.0	9.6	5.7	3.4
Avg	-.02	5.3	7.7	9.2	5.8	8.5	13.3	7.6
Max	.21	10.3	14.2	15.8	11.3	16.0	22.4	19.2
Hr. of Max	22	13	16	13	13	13	09	09
Min	-.22	2.1	1.6	2.3	2.4	2.7	3.9	2.3
Count	24	24	24	24	24	24	24	24
Total								