Date Printed: 08/08/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	21.3	21.4	21.6	21.7	.07	.26	.44	.19	.37
01:00	21.3	21.4	21.6	21.8	.07	.22	.44	.15	.37
02:00	21.3	21.4	21.5	21.6	.08	.14	.22	.06	.14
03:00	21.3	21.3	21.3	21.4	.06	.01	.10	-.04	.04
04:00	21.3	21.2	21.2	21.3	-.07	-.12	.00	-.05	.06
05:00	21.0	20.9	20.8	20.9	-.06	-.18	-.08	-.12	-.02
06:00	20.4	20.5	20.8	21.1	.16	.41	.70	.25	.54
07:00	20.8	20.8	20.9	21.0	-.02	.12	.22	.14	.24
08:00	21.8	21.6	21.4	21.3	-.24	-.40	-.46	-.16	-.22
09:00	23.4	22.9	22.7	22.6	-.48	-.66	-.74	-.19	-.26
10:00	24.1	23.7	23.6	23.5	-.40	-.58	-.63	-.18	-.23
11:00	24.0	23.6	23.5	23.5	-.39	-.54	-.51	-.14	-.12
12:00	25.6	24.9	24.7	24.6	-.69	-.90	-1.00	-.21	-.31
13:00	25.7	25.2	24.9	24.7	-.53	-.80	-.95	-.27	-.42
14:00	24.7	24.4	24.3	24.3	-.29	-.44	-.44	-.16	-.15
15:00	26.3	26.0	25.8	25.7	-.32	-.46	-.56	-.14	-.24
16:00	26.9	26.8	26.6	26.5	-.11	-.30	-.34	-.19	-.22
17:00	28.5	27.9	27.7	27.5	-.61	-.85	-1.01	-.24	-.39
18:00	27.9	27.5	27.3	27.2	-.43	-.64	-.75	-.22	-.32
19:00	25.9	26.4	26.3	26.3	.44	.37	.36	-.08	-.09
20:00	23.5	24.9	25.1	25.2	1.39	1.59	1.73	.20	.34
21:00	21.7	22.6	23.5	24.2	.94	1.78	2.54	.84	1.60
22:00	20.9	21.9	22.6	22.9	1.05	1.70	2.08	.65	1.03
23:00	20.2	20.9	21.7	22.3	.76	1.50	2.09	.74	1.33
Avg	23.3	23.3	23.4	23.5	.02	.05	.14	.03	.13
Max	28.5	27.9	27.7	27.5	1.39	1.78	2.54	.84	1.60
Hr. of Max	17	17	17	17	20	21	21	21	21
Min	20.2	20.5	20.8	20.9	-.69	-.90	-1.01	-.27	-.42
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	20.3	20.6	20.7	26.3	96.7	98.1	17.6	17.9	0.015572
01:00	20.4	20.7	20.7	26.2	96.5	98.0	17.6	18.0	0.015612
02:00	20.4	20.6	20.7	26.1	96.8	97.8	17.7	17.9	0.015659
03:00	20.4	20.6	20.7	26.0	97.0	98.0	17.7	17.9	0.015636
04:00	20.3	20.4	20.6	25.9	96.8	97.9	17.6	17.7	0.015598
05:00	20.0	20.2	20.3	25.8	96.5	98.1	17.3	17.5	0.015279
06:00	19.5	19.9	19.8	25.7	96.8	98.2	16.7	17.1	0.014753
07:00	19.9	20.0	20.2	25.6	96.8	97.5	17.2	17.3	0.015141
08:00	20.3	20.2	20.8	25.5	93.4	94.3	17.5	17.4	0.015512
09:00	20.4	19.9	21.4	25.5	85.7	85.2	17.6	17.0	0.015643
10:00	19.9	19.4	21.3	25.5	79.4	78.9	17.0	16.6	0.01519
11:00	21.1	20.6	22.1	25.6	86.1	85.9	18.3	17.9	0.016325
12:00	19.6	18.9	21.6	25.7	71.8	71.5	16.7	16.0	0.014946
13:00	19.9	19.4	21.8	25.9	72.4	72.2	17.0	16.4	0.015196
14:00	21.2	20.9	22.4	26.2	83.4	83.1	18.4	18.1	0.016496
15:00	21.5	20.8	23.1	26.3	77.3	75.1	18.7	17.8	0.016807
16:00	21.7	20.8	23.4	26.4	75.8	72.0	18.9	17.9	0.01704
17:00	20.2	19.5	23.0	26.5	62.6	61.9	17.1	16.4	0.01551
18:00	19.9	19.5	22.6	26.7	63.7	63.5	16.9	16.5	0.015256
19:00	19.9	19.2	21.9	26.8	71.4	66.6	16.9	16.2	0.015157
20:00	20.4	19.5	21.4	26.9	84.9	74.2	17.5	16.6	0.015625
21:00	20.0	20.1	20.5	26.9	92.3	87.9	17.2	17.3	0.015203
22:00	19.5	19.7	19.9	26.8	94.1	89.7	16.7	16.9	0.014729
23:00	18.9	19.4	19.3	26.7	94.6	93.1	16.2	16.6	0.014192
Avg	20.2	20.0	21.3	26.1	86.0	84.9	17.4	17.2	0.015503
Max	21.7	20.9	23.4	26.9	97.0	98.2	18.9	18.1	0.01704
Hr. of Max	16	14	16	21	03	06	16	14	16
Min	18.9	18.9	19.3	25.5	62.6	61.9	16.2	16.0	0.014192
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	0.015873	23.9	24.4	.00	28.93	979.8	-2.1	.00	289.3
01:00	0.015916	24.0	24.4	.00	28.92	979.5	-2.1	.00	261.5
02:00	0.0159	24.0	24.4	.00	28.91	979.0	-2.0	.00	259.5
03:00	0.015853	24.0	24.3	.08	28.90	978.8	-2.3	.00	263.3
04:00	0.015697	23.9	24.1	.00	28.90	978.8	-2.3	.00	224.0
05:00	0.015482	23.5	23.8	.00	28.91	978.9	-2.1	.00	231.6
06:00	0.015121	22.7	23.2	.00	28.92	979.3	-1.2	.00	242.3
07:00	0.015226	23.3	23.4	.00	28.93	979.7	32.3	.05	239.9
08:00	0.015431	23.8	23.7	.00	28.94	980.1	166.5	.24	214.3
09:00	0.015118	24.1	23.3	.00	28.95	980.5	432.5	.62	255.6
10:00	0.014736	23.4	22.7	.02	28.97	980.9	381.0	.55	252.4
11:00	0.015901	25.1	24.5	.01	28.97	981.1	405.4	.58	236.9
12:00	0.014281	23.0	22.0	.00	28.97	981.1	641.2	.91 +	265.1
13:00	0.014688	23.4	22.6	.00	28.97	981.0	444.7	.64	105.9
14:00	0.016157	25.3	24.8	.24	28.97	981.0	567.4	.81	134.9
15:00	0.016024	25.8	24.6	.00	28.96	980.7	429.2	.62	115.3
16:00	0.016098	26.1	24.7	.00	28.95	980.5	364.0	.52	96.4
17:00	0.014796	23.8	22.8	.00	28.94	980.2	466.6	.67	266.0
18:00	0.014847	23.5	22.8	.00	28.94	980.0	345.9	.50	280.4
19:00	0.014554	23.3	22.4	.00	28.94	980.0	120.7	.17	270.5
20:00	0.014843	24.0	22.9	.00	28.95	980.4	8.1	.01	300.2
21:00	0.015342	23.4	23.6	.00	28.97	980.9	-1.5	.00	347.5
22:00	0.014974	22.7	23.1	.00	28.98	981.4	-2.8	.00	334.6
23:00	0.014637	21.9	22.6	.00	28.99	981.8	-2.0	.00	307.3
Avg	0.015312	23.8	23.5	.01	28.95	980.2	199.4	.29	257.0
Max	0.016157	26.1	24.8	.24	28.99	981.8	641.2	.91	347.5
Hr. of Max	14	16	14	14	23	23	12	12	21
Min	0.014281	21.9	22.0	.00	28.90	978.8	-2.8	.00	96.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	155.8	200.8	287.6	200.7	35.3	43.5	10.1	.6	.3
01:00	222.8	214.2	261.3	215.4	17.5	25.5	7.5	1.0	1.4
02:00	242.8	233.4	259.1	234.4	18.8	27.4	9.7	.8	1.7
03:00	237.2	265.6	254.9	263.4	54.2	57.6	19.9	.5	.8
04:00	207.6	212.6	225.9	213.5	39.6	25.0	30.7	1.3	2.3
05:00	233.2	239.8	235.3	241.4	23.9	10.8	7.6	1.7	3.3
06:00	251.6	261.7	244.8	263.0	16.6	7.7	6.7	2.1	4.0
07:00	266.0	282.1	230.2	281.9	35.4	28.5	12.3	.4	2.0
08:00	167.8	284.8	215.7	307.3	31.0	31.2	50.9	.9	.8
09:00	276.6	275.9	257.4	274.2	42.2	45.4	31.8	1.1	1.4
10:00	255.9	264.5	255.3 +	265.7	47.6	46.8	30.6	2.1	2.8
11:00	249.4	262.8	238.0	262.7	32.9	34.1	27.9	1.6	2.3
12:00	283.1	290.8	268.0	289.9	44.7	51.7	42.4	1.7	2.3
13:00	99.1	92.1	113.8	89.3	42.8	34.5	30.4	2.4	3.1
14:00	129.8	136.4	136.7	138.6	77.7	61.3	68.2	.5	.8
15:00	120.0	129.1	130.4	129.7	46.8	53.0	49.9	.6	.9
16:00	108.0	99.0	106.4	96.1	46.8	25.3	32.9	1.1	1.4
17:00	274.0	278.3	269.3	277.8	33.6	25.4	19.7	4.1	5.8
18:00	291.2	290.6	282.0	289.3	29.9	29.1	20.8	3.6	4.9
19:00	281.1	289.1	272.9	287.3	26.5	25.5	19.8	3.0	4.3
20:00	307.0	305.0	302.2	301.8	17.8	12.7	9.6	2.3	4.1
21:00	34.5	356.9	353.1	352.0	22.7	25.5	25.9	.7	1.0
22:00	64.2	55.7	338.5	53.5	32.1	16.2	12.9	.9	1.5
23:00	65.7	15.2	306.6	14.5	27.1	34.6	16.1	.8	.8
Avg	236.0	265.0	256.0	267.0	35.1	32.4	24.8	.0	.0
Max	307.0	356.9	353.1	352.0	77.7	61.3	68.2	4.1	5.8
Hr. of Max	20	21	21	21	14	14	14	17	17
Min	34.5	15.2	106.4	14.5	16.6	7.7	6.7	.4	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	1.6	.6	.3	1.7	.9	1.9	1.2	-1.2	.02
01:00	2.3	1.1	1.5	2.4	1.5	2.6	1.9	.0	.02
02:00	2.5	.9	1.7	2.6	1.3	2.8	.2	-.2	.00
03:00	1.5	.7	1.2	1.9	1.2	2.0	-.7	1.2	-.02
04:00	2.7	1.5	2.5	2.9	1.8	3.2	1.3	1.9	.00
05:00	4.5	1.9	3.4	4.7	2.1	5.0	.3	1.2	-.07
06:00	5.6	2.2	4.1	5.7	2.5	5.9	.0	2.7	-.02
07:00	3.6	.5	2.1	3.7	.9	3.8	4.2	3.7	.07
08:00	1.3	1.1	1.1	1.6	1.6	1.9	-.9	-5.7	-.07
09:00	2.1	2.2	2.4	2.8	2.6	3.1	-1.4	-.9	-.10
10:00	3.1	2.4	3.1	3.3	3.0	3.8	-3.8	-7.8	-.19
11:00	2.8	2.4	3.1	3.5	2.8	3.7	.1	2.3	-.07
12:00	2.5	2.7	3.1	3.1	3.2	3.6	-4.0	-4.3	-.30
13:00	3.6	3.3	4.1	4.6	3.9	5.0	1.7	.8	.07
14:00	.9	2.0	2.2	2.1	2.5	2.7	-1.6	-1.1	-.14
15:00	1.0	1.2	1.3	1.3	1.8	1.8	3.8	2.1	.13
16:00	1.2	1.4	1.5	1.4	2.0	2.0	10.8	8.8	.43
17:00	7.1	4.7	6.3	7.5	5.3	7.9	-1.5	-.8	-.34
18:00	6.3	4.1	5.4	6.7	4.4	7.0	-1.3	-.7	-.27
19:00	5.4	3.3	4.7	5.7	3.6	5.9	-2.4	-1.6	-.29
20:00	6.1	2.6	4.3	6.3	2.6	6.2	-1.5	-.8	-.15
21:00	2.6	1.1	1.8	3.6	1.3	3.8	2.0	3.6	.04
22:00	2.2	1.0	1.6	2.3	1.3	2.5	1.4	.3	.04
23:00	1.4	1.0	1.1	1.6	1.2	1.8	2.0	1.0	.05
Avg	.0	1.9	2.7	3.5	2.3	3.7	.5	.2	-.05
Max	7.1	4.7	6.3	7.5	5.3	7.9	10.8	8.8	.43
Hr. of Max	17	17	17	17	17	17	16	16	16
Min	.9	.5	.3	1.3	.9	1.8	-4.0	-7.8	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/7/2015

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	2.7	2.1	4.1	1.9	3.3	6.7	3.3
01:00	.01	2.7	3.0	3.9	3.1	3.6	7.5	2.8
02:00	.00	2.5	3.9	4.8	2.9	5.2	8.2	4.7
03:00	.03	3.7	4.1	5.7	4.2	5.0	11.5	6.8
04:00	.03	4.4	6.6	7.3	5.1	7.8	13.7	11.0
05:00	.10	5.0	6.0	11.2	4.9	8.3	15.4	4.6
06:00	.26	4.1	7.1	9.2	5.1	9.3	9.2	4.9
07:00	.24	2.5	8.5	12.8	3.4	7.5	15.9	9.3
08:00	-.11	5.5	5.7	6.0	5.3	6.4	18.8	20.6
09:00	-.14	6.2	6.2	6.6	7.4	7.4	21.8	21.5
10:00	-.40	11.9	11.7	12.1	12.4	12.3	25.0	25.8
11:00	.09	7.8	8.9	8.9	8.0	9.1	19.3	17.1
12:00	-.43	7.6	7.3	8.5	8.1	9.4	22.6	23.7
13:00	.09	9.2	11.4	11.7	10.4	12.5	21.5	19.6
14:00	-.26	15.1	14.4	11.9	13.9	11.1	25.4	33.0
15:00	.09	4.4	5.0	5.7	5.7	6.1	28.3	30.3
16:00	.34	4.1	4.1	4.6	5.8	5.8	24.0	26.2
17:00	-.36	12.4	14.4	14.9	13.1	15.7	19.1	13.9
18:00	-.38	22.0	18.5	22.2	14.2	17.7	20.3	16.1
19:00	-.36	13.5	13.1	13.1	13.4	14.0	18.3	15.5
20:00	-.18	6.6	15.3	16.7	6.7	12.2	12.0	7.9
21:00	.23	3.2	6.0	8.7	3.4	7.2	13.0	7.0
22:00	.02	3.0	3.0	5.7	3.2	5.1	13.5	5.8
23:00	.05	3.0	3.0	3.7	2.5	3.6	7.4	7.3
Avg	-.05	6.8	7.9	9.2	6.8	8.6	16.6	14.1
Max	.34	22.0	18.5	22.2	14.2	17.7	28.3	33.0
Hr. of Max	16	18	18	18	18	18	15	14
Min	-.43	2.5	2.1	3.7	1.9	3.3	6.7	2.8
Count	24	24	24	24	24	24	24	24
Total								