Date Printed: 05/26/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	17.7	21.5	21.9	22.0	3.81	4.19	4.30	.38	.49
01:00	16.6	19.2	20.9	21.6	2.66	4.37	5.02	1.72	2.36
02:00	15.6	18.2	18.9	20.5	2.56	3.25	4.88	.69	2.32
03:00	14.8	17.0	17.7	19.3	2.25	2.90	4.48	.65	2.23
04:00	14.2	16.0	17.1	18.9	1.86	2.91	4.75	1.05	2.89
05:00	13.7	15.7	16.8	18.7	2.06	3.10	5.07	1.04	3.01
06:00	13.4	15.8	16.8	19.0	2.33	3.33	5.52	.99	3.19
07:00	15.5	16.5	17.5	18.8	.96	2.03	3.32	1.07	2.36
08:00	19.8	19.5	19.4	19.6	-.24	-.34	-.16	-.10	.08
09:00	22.8	22.1	21.8	21.7	-.71	-1.01	-1.16	-.30	-.45
10:00	24.6	23.7	23.4	23.2	-.87	-1.24	-1.39	-.37	-.52
11:00	26.2	25.1	24.7	24.5	-1.11	-1.51	-1.68	-.39	-.57
12:00	27.3	26.1	25.7	25.5	-1.25	-1.62	-1.82	-.37	-.56
13:00	27.6	26.5	26.2	26.0	-1.10	-1.44	-1.59	-.34	-.49
14:00	27.4	26.6	26.3	26.2	-.78	-1.08	-1.19	-.31	-.42
15:00	27.5	26.9	26.6	26.5	-.62	-.89	-.98	-.27	-.36
16:00	27.9	27.2	26.9	26.8	-.66	-.98	-1.10	-.33	-.44
17:00	27.6	27.1	26.8	26.7	-.48	-.77	-.89	-.29	-.41
18:00	27.2	26.9	26.6	26.6	-.31	-.54	-.62	-.24	-.32
19:00	25.9	25.7	25.5	25.5	-.21	-.39	-.40	-.17	-.19
20:00	22.6	22.4	22.3	22.2	-.17	-.35	-.41	-.18	-.24
21:00	20.6	20.5	20.4	20.5	-.09	-.18	-.13	-.09	-.04
22:00	20.3	20.2	20.1	20.1	-.08	-.24	-.25	-.15	-.16
23:00	19.4	19.4	19.4	19.5	-.02	-.03	.02	-.01	.04
Avg	21.5	21.9	22.1	22.5	.41	.56	.98	.15	.57
Max	27.9	27.2	26.9	26.8	3.81	4.37	5.52	1.72	3.19
Hr. of Max	16	16	16	16	00	01	06	01	06
Min	13.4	15.7	16.8	18.7	-1.25	-1.62	-1.82	-.39	-.57
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	12.7	11.6	14.4	23.0	74.0	54.2	11.0	10.1	0.009394
01:00	12.4	11.7	13.8	22.8	77.8	62.9	10.8	10.3	0.009211
02:00	12.1	12.0	13.3	22.5	80.9	68.1	10.7	10.5	0.009033
03:00	11.8	11.8	12.8	22.3	83.7	72.4	10.5	10.4	0.00885
04:00	11.7	11.9	12.5	22.1	86.3	77.5	10.4	10.4	0.008755
05:00	11.5	12.0	12.3	21.8	88.3	79.5	10.3	10.5	0.008673
06:00	11.6	12.1	12.2	21.6	89.9	79.9	10.4	10.6	0.008703
07:00	12.9	12.3	13.8	21.4	86.0	77.4	11.2	10.7	0.009497
08:00	13.7	13.1	15.7	21.2	69.3	67.8	11.6	11.2	0.010007
09:00	14.5	14.1	17.3	21.0	60.9	61.7	12.2	11.9	0.010617
10:00	14.4	14.1	17.8	21.1	54.2	55.9	12.0	11.8	0.010515
11:00	14.1	13.7	18.1	21.4	48.5	50.6	11.8	11.5	0.010338
12:00	14.1	13.9	18.5	22.0	45.4	48.3	11.7	11.6	0.010365
13:00	14.5	14.4	18.9	22.8	45.9	48.4	12.1	12.0	0.010666
14:00	15.2	15.0	19.2	23.4	48.5	50.0	12.6	12.4	0.011117
15:00	15.3	15.2	19.4	23.8	48.7	50.0	12.7	12.6	0.011235
16:00	15.7	15.5	19.8	23.9	48.8	50.1	13.0	12.8	0.011536
17:00	15.9	15.8	19.8	24.0	50.3	51.4	13.2	13.1	0.011686
18:00	16.6	16.5	20.1	24.1	53.6	54.4	13.7	13.7	0.01217
19:00	17.1	17.1	20.0	24.2	59.7	60.5	14.2	14.2	0.012556
20:00	18.0	18.1	19.5	24.1	77.3	78.6	15.2	15.3	0.013258
21:00	19.2	19.2	19.7	24.0	93.6	94.5	16.4	16.5	0.014314
22:00	18.8	19.0	19.3	23.9	93.2	94.6	16.1	16.3	0.013995
23:00	18.1	18.2	18.6	23.7	94.1	94.6	15.4	15.5	0.013364
Avg	14.7	14.5	17.0	22.8	69.1	66.0	12.5	12.3	0.010827
Max	19.2	19.2	20.1	24.2	94.1	94.6	16.4	16.5	0.014314
Hr. of Max	21	21	18	19	23	23	21	21	21
Min	11.5	11.6	12.2	21.0	45.4	48.3	10.3	10.1	0.008673
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	0.008722	14.8	13.7	.00	29.30	992.4	-3.5	.00	279.7
01:00	0.0088	14.5	13.8	.00	29.30	992.1	-2.5	.00	261.7
02:00	0.008942	14.2	14.1	.00	29.29	991.8	-1.3	.00	35.5
03:00	0.008848	13.9	13.9	.00	29.28	991.7	-.9	.00	275.6
04:00	0.008864	13.8	13.9	.00	29.29	992.0	-1.1	.00	286.3
05:00	0.008921	13.6	14.0	.00	29.30	992.2	-1.6	.00	262.2
06:00	0.008998	13.7	14.2	.00	29.31	992.6	9.2	.01	303.2
07:00	0.009101	14.9	14.3	.00	29.32	993.1	106.5	.15	76.6
08:00	0.009653	15.7	15.2	.00	29.34	993.4	348.8	.50	83.8
09:00	0.010308	16.7	16.2	.00	29.34	993.5	561.0	.80	210.9
10:00	0.010294	16.5	16.2	.00	29.33	993.4	735.9	1.05	186.9
11:00	0.010097	16.2	15.9	.00	29.33	993.1	898.1	1.29	192.1
12:00	0.010227	16.3	16.1	.00	29.32	992.8	974.0	1.40	176.9
13:00	0.010545	16.7	16.5	.00	29.30	992.4	680.2	.98	193.4
14:00	0.010961	17.4	17.2	.00	29.29	991.9	509.1	.73	185.4
15:00	0.011139	17.6	17.4	.00	29.28	991.4	342.0	.49	178.0
16:00	0.011384	18.0	17.8	.00	29.26	990.9	443.0	.64	193.1
17:00	0.011622	18.3	18.2	.00	29.25	990.6	305.2	.44	196.2
18:00	0.012123	19.0	18.9	.00	29.25	990.4	186.8	.27	203.0
19:00	0.012552	19.6	19.6	.00	29.25	990.6	65.2	.09	239.7
20:00	0.013344	20.7	20.8	.06	29.27	991.2	-.3	.00	263.4
21:00	0.014366	22.3	22.4	.06	29.26	990.9	-1.7	.00	196.2
22:00	0.014119	21.8	22.0	.02	29.27	991.4	-2.1	.00	191.5
23:00	0.01341	20.9	20.9	.01	29.27	991.4	-1.9	.00	245.2
Avg	0.010723	17.0	16.8	.01	29.29	992.0	256.2	.37	218.0
Max	0.014366	22.3	22.4	.06	29.34	993.5	974.0	1.40	303.2
Hr. of Max	21	21	21	21	09	09	12	12	06
Min	0.008722	13.6	13.7	.00	29.25	990.4	-3.5	.00	35.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	243.7	206.8	281.8	207.6	20.0	22.6	29.9	1.9	2.5
01:00	281.4	217.2	259.3	218.9	61.2	38.2	29.9	.7	1.1
02:00	53.3	242.7	41.5	244.8	62.1	32.4	16.6	.3	.7
03:00	84.6	269.3	268.9	265.1	25.2	43.7	12.9	.5	.1
04:00	243.9	214.3	272.6	216.1	24.9	42.9	13.9	.3	1.1
05:00	347.2	251.0	261.3	254.6	39.5	42.1	21.2	.4	.3
06:00	353.3	183.8	295.9	182.8	47.0	48.1	41.4	.2	.4
07:00	33.3	151.8	84.6	146.6	63.8	35.1	54.7	.3	1.3
08:00	125.9	187.4	137.5	190.9	58.8	64.3	48.6	.3	.3
09:00	218.3	214.5	219.2	215.2	36.0	31.3	27.1	3.7	4.8
10:00	193.9	193.9	192.9	194.9	29.8	24.9	21.6	6.8	8.9
11:00	196.7	194.5	197.8	195.4	28.8	24.2	20.2	7.7	9.8
12:00	185.7	187.8	182.6	188.8	31.3	26.8	22.0	6.1	7.6
13:00	197.4	194.0	199.5	195.4	33.3	23.8	23.1	5.2	6.8
14:00	191.3	190.5	191.8	191.4	28.5	24.9	23.2	4.6	5.9
15:00	186.4	187.2	183.4	188.3	32.3	26.9	20.2	4.4	5.9
16:00	201.2	199.3	199.1	201.0	27.5	21.2	18.0	4.5	6.5
17:00	203.0	202.6	201.4	204.1	32.5	24.2	18.8	4.5	6.3
18:00	210.0	208.5	208.1	210.1	24.4	22.4	17.3	3.9	5.1
19:00	242.2	239.0	244.0	240.4	23.8	18.0	14.8	3.1	4.5
20:00	275.4	274.7	267.7	274.8	33.8	25.9	19.0	4.8	7.0
21:00	202.9	209.2	202.5	211.0	35.5	35.9	20.4	2.2	3.5
22:00	193.8	188.7	198.0	189.7	28.9	22.2	16.3	3.4	5.0
23:00	236.1	218.9	247.3	220.2	32.3	23.5	18.0	1.3	2.5
Avg	212.0	208.0	220.0	209.0	35.9	31.1	23.7	.0	.0
Max	353.3	274.7	295.9	274.8	63.8	64.3	54.7	7.7	9.8
Hr. of Max	06	20	06	20	07	08	07	11	11
Min	33.3	151.8	41.5	146.6	20.0	18.0	12.9	.2	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	2.7	2.1	2.7	3.0	2.4	3.5	.4	.1	-.04
01:00	1.4	1.0	1.2	1.7	1.4	2.2	1.6	-.8	.03
02:00	1.3	.5	.7	1.4	.8	1.8	3.0	-.1	.04
03:00	1.0	.5	.4	1.1	.9	1.3	1.1	-.3	.02
04:00	3.0	.5	1.5	3.1	.9	3.5	1.6	1.0	.03
05:00	.6	.5	.3	.7	1.0	1.0	1.7	-1.5	.03
06:00	.4	.3	.4	.5	.7	1.0	1.8	-2.1	.03
07:00	.3	.4	1.4	.8	.8	1.3	5.3	.5	.09
08:00	.9	.7	.8	1.2	1.2	1.6	-9.0	-5.9	-.27
09:00	6.0	4.3	5.3	6.5	5.0	7.2	-.4	-.8	-.13
10:00	10.6	7.7	9.7	11.3	8.3	12.0	.8	2.1	-.10
11:00	11.5	8.7	10.5	12.1	9.4	12.7	.2	1.1	-.25
12:00	9.0	7.1	8.4	9.7	7.7	10.3	1.8	1.2	-.05
13:00	7.9	6.0	7.5	8.6	6.7	9.2	1.4	1.9	.01
14:00	7.1	5.1	6.5	7.7	5.8	8.3	1.4	.3	-.05
15:00	7.3	5.2	6.5	7.8	5.9	8.2	.5	-1.1	-.08
16:00	8.1	5.3	7.1	8.6	6.0	9.1	.4	-1.2	-.12
17:00	8.0	5.2	6.8	8.4	5.8	9.0	1.7	1.0	-.03
18:00	6.6	4.2	5.5	6.9	4.8	7.4	1.3	.9	-.03
19:00	5.9	3.7	5.4	7.3	4.1	7.7	-1.2	-.4	-.23
20:00	8.3	5.5	7.9	9.1	6.0	9.6	-1.2	-.8	-.38
21:00	4.3	2.7	4.2	5.5	3.1	5.8	1.7	-1.0	.01
22:00	6.8	3.8	5.4	7.1	4.3	7.3	.7	-1.4	-.11
23:00	3.6	2.1	3.5	4.4	2.5	4.7	2.4	1.7	.04
Avg	.0	3.5	4.6	5.6	4.0	6.1	.8	-.2	-.06
Max	11.5	8.7	10.5	12.1	9.4	12.7	5.3	2.1	.09
Hr. of Max	11	11	11	11	11	11	07	10	07
Min	.3	.3	.3	.5	.7	1.0	-9.0	-5.9	-.38
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/25/2015

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	-.08	5.7	7.1	9.4	6.0	10.3	12.8	18.2
01:00	-.07	3.0	4.4	4.6	3.6	5.0	10.6	18.5
02:00	.02	2.1	2.1	4.1	2.3	4.8	9.4	10.3
03:00	.00	1.6	1.4	3.0	1.9	3.1	9.1	8.8
04:00	.08	2.1	3.4	5.7	2.7	6.1	6.7	4.9
05:00	-.02	1.8	2.7	2.3	2.3	2.8	6.4	11.3
06:00	-.04	1.4	2.1	2.5	1.7	2.9	8.0	13.1
07:00	.00	2.1	2.7	5.7	2.3	5.7	18.0	18.8
08:00	-.21	4.4	4.1	4.4	5.4	4.5	25.0	23.0
09:00	-.12	15.3	17.4	18.3	15.5	20.5	21.7	20.3
10:00	.08	19.7	21.3	23.4	20.3	25.0	17.8	15.8
11:00	-.16	20.8	23.4	23.6	21.9	25.7	17.3	15.2
12:00	-.15	17.6	22.4	23.1	20.1	21.2	18.7	17.8
13:00	.07	19.2	18.8	19.7	19.0	20.1	19.2	15.9
14:00	-.15	12.4	20.4	17.4	13.7	19.9	18.8	16.1
15:00	-.27	14.2	13.7	15.1	14.1	16.9	18.3	13.6
16:00	-.34	15.1	16.9	18.5	16.0	18.6	17.7	13.6
17:00	-.02	25.6	23.8	26.8	13.7	17.0	19.2	14.2
18:00	.01	11.9	11.7	22.4	12.6	15.0	17.7	10.6
19:00	-.16	13.1	16.7	18.3	13.3	18.0	16.8	9.6
20:00	-.28	20.4	26.3	24.5	21.4	26.4	17.5	11.2
21:00	-.14	9.4	11.2	11.7	9.8	13.5	18.4	11.4
22:00	-.29	11.2	13.5	14.7	12.3	15.7	18.8	13.2
23:00	.09	7.1	9.4	10.8	7.8	11.3	17.5	12.2
Avg	-.09	10.7	12.4	13.8	10.8	13.8	15.9	14.1
Max	.09	25.6	26.3	26.8	21.9	26.4	25.0	23.0
Hr. of Max	23	17	20	17	11	20	08	08
Min	-.34	1.4	1.4	2.3	1.7	2.8	6.4	4.9
Count	24	24	24	24	24	24	24	24
Total								