Date Printed: 02/09/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

2/8/2015

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	3.0	6.7	10.0	10.7	3.68	7.02	7.66	3.35	3.98
01:00	2.4	6.1	9.4	10.5	3.66	6.97	8.06	3.31	4.40
02:00	1.9	6.0	8.9	9.6	4.06	6.94	7.64	2.88	3.58
03:00	1.2	6.6	8.2	8.6	5.40	6.91	7.33	1.51	1.92
04:00	2.0	7.1	8.5	9.0	5.10	6.50	6.98	1.41	1.88
05:00	1.9	6.7	7.9	8.3	4.81	5.95	6.39	1.15	1.58
06:00	1.9	6.0	7.5	8.1	4.14	5.56	6.17	1.42	2.04
07:00	1.6	6.1	7.2	7.5	4.51	5.59	5.91	1.08	1.41
08:00	4.7	7.1	7.5	7.7	2.41	2.82	2.97	.41	.56
09:00	7.8	8.0	8.1	8.2	.24	.33	.43	.09	.19
10:00	10.7	10.6	10.4	10.4	-.12	-.32	-.33	-.20	-.21
11:00	12.1	11.7	11.5	11.4	-.35	-.60	-.70	-.25	-.35
12:00	13.6	13.0	12.8	12.6	-.59	-.85	-.97	-.26	-.37
13:00	15.3	14.9	14.6	14.5	-.38	-.65	-.77	-.27	-.39
14:00	15.5	15.4	15.1	15.1	-.11	-.32	-.39	-.21	-.29
15:00	16.0	15.9	15.7	15.6	-.10	-.32	-.38	-.22	-.28
16:00	16.5	16.5	16.3	16.3	.00	-.19	-.23	-.19	-.23
17:00	16.2	16.4	16.3	16.3	.26	.13	.14	-.12	-.12
18:00	15.7	16.0	16.0	16.0	.37	.32	.37	-.05	.00
19:00	15.4	15.8	15.8	15.9	.41	.38	.48	-.03	.07
20:00	15.5	15.8	15.7	15.8	.30	.23	.29	-.07	-.01
21:00	15.3	15.6	15.5	15.6	.34	.28	.36	-.06	.01
22:00	14.9	15.3	15.3	15.3	.42	.38	.45	-.04	.03
23:00	14.6	15.0	15.0	15.1	.46	.45	.55	-.01	.10
Avg	9.8	11.4	12.1	12.3	1.62	2.23	2.43	.61	.81
Max	16.5	16.5	16.3	16.3	5.40	7.02	8.06	3.35	4.40
Hr. of Max	16	16	17	17	03	00	01	00	01
Min	1.2	6.0	7.2	7.5	-.59	-.85	-.97	-.27	-.39
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/8/2015

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	-5.2	-6.5	-2.4	5.2	55.5	39.1	3.3	3.0	0.002648
01:00	-4.9	-6.1	-2.5	5.1	58.7	41.6	3.3	3.0	0.002695
02:00	-4.5	-5.8	-2.4	5.0	62.6	43.0	3.5	3.1	0.002774
03:00	-4.1	-6.4	-2.3	4.8	68.2	39.1	3.6	3.0	0.002874
04:00	-3.9	-5.9	-1.9	4.7	65.2	39.6	3.6	3.1	0.002906
05:00	-3.7	-5.8	-1.8	4.6	67.0	41.0	3.7	3.1	0.002963
06:00	-3.6	-5.3	-1.8	4.5	67.1	44.5	3.7	3.2	0.002965
07:00	-3.1	-4.1	-1.6	4.4	71.4	48.5	3.8	3.5	0.003084
08:00	-1.6	-3.0	.5	4.3	64.2	49.2	4.2	3.8	0.003451
09:00	-.4	-.9	2.3	4.3	56.7	53.7	4.6	4.4	0.003796
10:00	4.8	4.6	6.8	4.3	67.4	67.1	6.6	6.5	0.005504
11:00	5.0	4.7	7.4	4.5	63.0	63.1	6.7	6.6	0.005604
12:00	5.2	4.9	8.0	4.7	57.7	58.6	6.7	6.6	0.005697
13:00	6.9	6.7	9.7	5.1	58.1	58.8	7.5	7.4	0.006397
14:00	7.1	6.9	9.9	5.5	58.1	57.8	7.6	7.5	0.00648
15:00	7.1	6.9	10.1	5.8	56.5	56.0	7.6	7.5	0.006524
16:00	7.3	7.1	10.4	6.1	55.4	54.7	7.7	7.6	0.00661
17:00	7.4	7.3	10.3	6.3	57.0	55.5	7.8	7.7	0.006646
18:00	7.6	7.4	10.3	6.5	59.4	57.6	7.9	7.8	0.00672
19:00	7.6	7.5	10.2	6.7	60.7	58.5	7.9	7.8	0.006733
20:00	7.6	7.4	10.2	6.8	60.1	58.4	7.9	7.8	0.00671
21:00	7.6	7.4	10.1	6.9	61.0	59.1	7.9	7.8	0.006714
22:00	7.8	7.7	10.1	6.9	63.4	61.3	8.0	7.9	0.006811
23:00	8.0	7.9	10.2	7.0	65.5	63.3	8.1	8.1	0.006907
Avg	2.6	1.9	5.0	5.4	61.7	52.9	6.0	5.7	0.005009
Max	8.0	7.9	10.4	7.0	71.4	67.1	8.1	8.1	0.006907
Hr. of Max	23	23	16	23	07	10	23	23	23
Min	-5.2	-6.5	-2.5	4.3	55.4	39.1	3.3	3.0	0.002648
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/8/2015

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	0.002411	4.2	3.8	.00	29.14	986.8	-2.3	.00	100.4
01:00	0.002469	4.3	3.9	.00	29.13	986.6	-2.4	.00	147.4
02:00	0.002535	4.4	4.0	.00	29.14	986.7	-2.5	.00	220.5
03:00	0.002415	4.5	3.8	.00	29.12	986.3	-2.1	.00	218.2
04:00	0.002525	4.6	4.0	.00	29.12	986.1	-2.3	.00	225.2
05:00	0.002541	4.7	4.0	.00	29.13	986.3	-1.9	.00	219.4
06:00	0.002636	4.7	4.2	.00	29.13	986.5	-2.8	.00	224.3
07:00	0.002881	4.9	4.5	.00	29.14	986.7	10.4	.01	227.2
08:00	0.003133	5.4	4.9	.00	29.15	987.1	47.9	.07	229.6
09:00	0.003657	6.0	5.8	.00	29.14	986.9	110.8	.16	230.5
10:00	0.005433	8.6	8.5	.00	29.12	986.1	139.4	.20	228.7
11:00	0.005485	8.8	8.6	.00	29.10	985.5	218.3	.31	246.4
12:00	0.00557	8.9	8.7	.00	29.06	984.3	366.6	.53	241.5
13:00	0.006318	10.0	9.9	.00	29.03	983.1	259.3	.37	222.1
14:00	0.006398	10.1	10.0	.00	29.00	982.0	127.5	.18	219.6
15:00	0.006435	10.2	10.0	.00	28.97	981.1	138.6	.20	209.4
16:00	0.006528	10.3	10.2	.00	28.96	980.7	81.7	.12	221.2
17:00	0.006585	10.4	10.3	.00	28.96	980.8	10.0	.01	213.2
18:00	0.006663	10.5	10.4	.00	28.96	980.9	-2.4	.00	203.8
19:00	0.006672	10.5	10.4	.00	28.96	980.8	-3.5	-.01	206.2
20:00	0.006649	10.5	10.4	.00	28.96	980.6	-1.7	.00	219.2
21:00	0.006658	10.5	10.4	.00	28.96	980.7	-.8	.00	226.5
22:00	0.006771	10.6	10.6	.00	28.96	980.7	-1.5	.00	233.4
23:00	0.006877	10.8	10.7	.00	28.95	980.2	-3.0	.00	234.7
Avg	0.004844	7.9	7.6	.00	29.05	983.9	61.7	.09	218.0
Max	0.006877	10.8	10.7	.00	29.15	987.1	366.6	.53	246.4
Hr. of Max	23	23	23	23	08	08	12	12	11
Min	0.002411	4.2	3.8	.00	28.95	980.2	-3.5	-.01	100.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/8/2015

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	266.2	243.4	109.9	245.5	71.1	16.7	7.9	.1	2.7
01:00	283.6	269.4	138.8 +	271.4	81.5	23.0	8.9	.0	2.1
02:00	282.0	281.9	216.6	283.8	61.1	14.2	8.8	.5	3.6
03:00	252.7	255.4	223.8	257.8	6.1	7.3	6.0	4.2	5.5
04:00	262.3	257.9	230.8	260.2	8.5	8.1	7.0	4.3	6.5
05:00	257.6	262.2	224.7	264.9	7.7	9.0	7.2	4.2	5.2
06:00	257.8	255.5	230.1	257.9	7.2	9.2	6.9	4.7	5.2
07:00	275.5	275.0	230.5	278.2	16.5	11.8	8.5	2.7	5.2
08:00	256.6	258.5	235.0	261.2	11.9	9.8	8.3	4.1	6.1
09:00	248.6	246.1	236.4	248.8	18.5	12.3	9.8	3.6	5.7
10:00	230.5	224.9	234.5	227.7	18.5	14.4	10.6	5.6	8.3
11:00	251.6	245.0	253.5	247.4	20.3	17.1	15.0	4.7	6.1
12:00	243.5	238.5	248.2	240.9	22.8	18.4	16.2	4.9	6.4
13:00	226.9	223.3	228.6	226.3	21.8	17.0	13.6	8.2	11.3
14:00	224.4	221.1	226.5	223.9	19.5	15.9	12.8	8.9	11.6
15:00	216.4	214.1	216.0	217.2	20.3	16.1	12.8	7.9	10.6
16:00	227.6	222.1	227.4	224.9	19.9	15.2	12.4	6.2	8.7
17:00	217.2	215.3	218.8	218.2	19.5	14.4	10.6	5.0	7.1
18:00	209.9	206.9	210.5	210.0	16.8	11.3	8.5	4.4	7.1
19:00	209.0	205.9	212.5	208.7	19.3	13.8	9.4	4.4	7.0
20:00	221.9	217.2	225.3	220.1	17.3	13.0	9.5	5.2	7.7
21:00	226.5	219.7	232.0	222.4	19.7	13.7	10.6	4.4	7.3
22:00	234.6	226.4	239.7	229.2	15.3	10.1	8.1	3.5	5.7
23:00	236.4	228.1	240.5	230.8	14.0	8.7	7.1	3.0	5.6
Avg	242.0	237.0	224.0	240.0	23.1	13.4	9.9	.0	.0
Max	283.6	281.9	253.5	283.8	81.5	23.0	16.2	8.9	11.6
Hr. of Max	01	02	11	02	01	01	12	14	14
Min	209.0	205.9	109.9	208.7	6.1	7.3	6.0	.0	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)

2/8/2015

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	5.8	.2	2.8	5.9	.7	6.3	3.2	2.1	.04
01:00	5.4	.1	2.2	5.6	.6	5.8	1.8	3.1	.04
02:00	6.8	.5	3.7	7.0	1.1	6.9	2.5	4.6	.06
03:00	7.8	4.3	5.5	7.8	4.7	8.2	.2	1.9	-.01
04:00	9.5	4.4	6.6	9.6	4.9	10.1	.2	2.3	.01
05:00	7.8	4.3	5.3	7.8	4.8	8.2	-.3	2.4	-.03
06:00	7.8	4.7	5.4	7.9	5.3	8.3	-1.1	2.0	-.12
07:00	8.1	2.8	5.3	8.2	3.3	8.2	1.4	5.2	.08
08:00	8.1	4.2	6.2	8.2	4.7	8.6	.1	2.5	-.02
09:00	7.7	3.8	6.0	8.1	4.3	8.6	.2	1.7	-.05
10:00	10.7	5.9	8.6	10.8	6.6	11.6	.9	.8	-.09
11:00	7.3	5.3	6.9	8.1	5.9	8.6	-1.9	.1	-.36
12:00	7.4	5.4	6.8	7.7	6.1	8.4	-.9	-1.3	-.29
13:00	13.6	8.8	11.8	14.0	9.6	14.9	.6	.8	-.20
14:00	14.1	9.3	12.0	14.4	10.0	15.4	.1	1.2	-.25
15:00	13.0	8.4	11.0	13.3	9.1	14.1	.0	1.0	-.20
16:00	10.6	6.5	9.0	10.9	7.4	11.6	.2	1.6	-.20
17:00	9.2	5.3	7.3	9.4	5.7	10.0	2.1	.5	.07
18:00	9.2	4.6	7.2	9.3	5.1	9.9	.8	.1	-.05
19:00	9.7	4.6	7.2	9.9	4.9	10.4	2.7	.8	.14
20:00	10.3	5.4	7.9	10.5	6.0	11.1	-.3	.6	-.19
21:00	9.9	4.7	7.5	10.1	5.3	10.8	-.2	1.1	-.14
22:00	7.4	3.6	5.8	7.6	4.1	8.1	-1.0	.6	-.13
23:00	7.5	3.1	5.7	7.5	3.7	8.0	-1.0	.9	-.13
Avg	.0	4.6	6.8	9.2	5.2	9.7	.4	1.5	-.08
Max	14.1	9.3	12.0	14.4	10.0	15.4	3.2	5.2	.14
Hr. of Max	14	14	14	14	14	14	00	07	19
Min	5.4	.1	2.2	5.6	.6	5.8	-1.9	-1.3	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

2/8/2015

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	.22	1.8	4.8	10.8	2.5	11.9	14.5	5.0
01:00	.29	1.8	7.3	14.0	2.1	10.2	19.1	5.6
02:00	.51	3.4	7.8	14.4	3.5	12.7	24.0	6.4
03:00	.26	6.9	10.1	15.1	7.7	12.8	3.9	4.5
04:00	.36	10.5	13.1	17.6	8.5	15.4	4.5	5.0
05:00	.31	8.0	11.9	16.5	7.2	13.4	3.9	5.5
06:00	.26	11.0	12.4	19.2	8.0	12.9	3.7	4.6
07:00	.70	6.6	9.6	16.5	7.3	12.9	8.9	6.0
08:00	.32	8.9	10.5	14.4	10.3	13.1	6.8	6.4
09:00	.18	10.5	13.7	18.3	10.4	16.1	11.2	7.3
10:00	.07	14.9	22.0	27.5	17.0	20.1	14.7	8.1
11:00	-.05	14.4	19.0	17.9	14.8	21.1	16.1	10.6
12:00	-.28	11.7	14.9	16.9	13.2	16.5	17.0	11.0
13:00	.07	22.0	26.1	27.2	25.7	27.8	15.4	9.2
14:00	.07	23.6	23.8	25.4	22.6	27.8	13.8	9.5
15:00	.07	20.6	22.0	25.4	22.3	26.4	14.3	9.4
16:00	.15	17.9	18.3	21.8	21.2	23.9	14.6	9.6
17:00	-.01	16.5	20.8	24.5	17.1	27.0	13.3	8.2
18:00	-.07	12.8	13.5	18.8	13.0	16.9	13.5	6.6
19:00	.07	11.9	14.2	17.6	12.6	18.4	14.8	6.5
20:00	.01	18.3	20.8	21.5	18.9	22.8	13.9	7.3
21:00	.12	12.8	15.3	25.4	13.7	18.8	13.2	7.3
22:00	.06	11.0	16.3	15.6	9.6	14.7	10.8	5.9
23:00	.10	9.8	9.8	12.6	9.1	13.4	10.0	5.0
Avg	.16	12.0	14.9	19.0	12.4	17.8	12.3	7.1
Max	.70	23.6	26.1	27.5	25.7	27.8	24.0	11.0
Hr. of Max	07	14	13	10	13	14	02	12
Min	-.28	1.8	4.8	10.8	2.1	10.2	3.7	4.5
Count	24	24	24	24	24	24	24	24
Total								