Date Printed: 05/20/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/19/2015

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	19.8	19.9	20.0	20.2	.10	.23	.38	.14	.28
01:00	19.4	19.6	19.7	19.8	.14	.25	.37	.11	.23
02:00	19.1	19.3	19.4	19.6	.19	.32	.49	.14	.31
03:00	18.8	19.0	19.0	19.1	.17	.22	.29	.05	.13
04:00	19.0	18.9	18.8	18.9	-.05	-.12	-.08	-.07	-.03
05:00	18.9	18.9	18.7	18.8	-.07	-.18	-.15	-.11	-.08
06:00	19.0	19.0	18.9	18.9	-.07	-.18	-.14	-.11	-.07
07:00	19.2	19.1	18.9	19.0	-.12	-.24	-.21	-.12	-.08
08:00	19.7	19.5	19.3	19.4	-.21	-.43	-.38	-.21	-.16
09:00	21.3	20.9	20.5	20.5	-.39	-.73	-.73	-.33	-.33
10:00	23.0	22.4	22.1	22.0	-.66	-.97	-1.04	-.31	-.38
11:00	24.9	24.1	23.6	23.5	-.89	-1.30	-1.46	-.41	-.57
12:00	25.9	25.0	24.7	24.6	-.87	-1.18	-1.32	-.31	-.45
13:00	27.4	26.3	25.9	25.8	-1.10	-1.46	-1.59	-.36	-.49
14:00	28.7	27.4	27.1	26.9	-1.32	-1.66	-1.82	-.34	-.50
15:00	28.4	27.4	27.1	26.9	-1.05	-1.31	-1.45	-.26	-.40
16:00	28.4	27.3	27.0	26.8	-1.01	-1.38	-1.58	-.37	-.57
17:00	28.3	27.6	27.2	27.1	-.68	-1.02	-1.18	-.34	-.51
18:00	27.4	26.9	26.7	26.6	-.50	-.70	-.76	-.20	-.26
19:00	26.1	26.4	26.2	26.2	.29	.17	.19	-.12	-.11
20:00	23.2	25.0	25.1	25.2	1.86	1.92	2.01	.06	.14
21:00	21.3	23.8	24.1	24.3	2.53	2.78	3.03	.24	.50
22:00	19.8	22.1	22.9	23.4	2.23	3.10	3.54	.87	1.31
23:00	18.5	20.6	21.4	22.0	2.06	2.82	3.42	.76	1.36
Avg	22.7	22.8	22.7	22.7	.02	-.04	-.01	-.07	-.03
Max	28.7	27.6	27.2	27.1	2.53	3.10	3.54	.87	1.36
Hr. of Max	14	17	17	17	21	22	22	22	23
Min	18.5	18.9	18.7	18.8	-1.32	-1.66	-1.82	-.41	-.57
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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5/19/2015

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	18.8	19.1	19.1	23.3	95.8	97.1	16.1	16.3	0.013954
01:00	18.5	18.9	18.8	23.1	96.2	98.2	15.8	16.2	0.013681
02:00	18.1	18.7	18.5	23.0	96.2	98.5	15.5	16.0	0.01342
03:00	17.9	18.4	18.2	22.8	96.6	98.7	15.3	15.7	0.013223
04:00	18.2	18.4	18.4	22.7	97.4	98.8	15.5	15.7	0.01347
05:00	18.2	18.3	18.5	22.6	97.7	98.9	15.6	15.7	0.013491
06:00	18.3	18.4	18.6	22.4	97.8	98.9	15.7	15.8	0.013588
07:00	18.5	18.5	18.7	22.3	97.8	98.9	15.8	15.9	0.013696
08:00	18.6	19.0	19.0	22.2	95.0	98.8	15.9	16.3	0.013779
09:00	18.6	18.8	19.5	22.2	87.1	89.9	15.9	16.0	0.013856
10:00	18.4	18.2	19.9	22.2	76.9	79.1	15.5	15.4	0.013655
11:00	17.8	17.3	20.2	22.4	66.2	67.4	14.9	14.4	0.013173
12:00	17.2	17.0	20.1	22.8	60.1	62.5	14.3	14.2	0.012658
13:00	15.6	15.4	19.5	23.3	50.0	52.7	12.9	12.8	0.011492
14:00	14.6	14.5	19.3	23.8	43.4	46.3	12.1	12.0	0.010812
15:00	14.8	14.9	19.3	24.1	44.8	47.7	12.2	12.3	0.010931
16:00	15.8	15.7	20.0	24.4	47.9	50.3	13.1	13.0	0.011695
17:00	15.4	15.5	19.7	24.5	46.9	48.8	12.7	12.8	0.011384
18:00	16.1	15.9	19.8	24.6	51.4	52.4	13.3	13.2	0.011865
19:00	16.5	15.8	19.7	24.7	57.1	53.7	13.7	13.1	0.012163
20:00	17.2	16.3	19.2	24.6	71.0	59.7	14.5	13.5	0.012725
21:00	16.9	15.9	18.4	24.5	77.9	62.5	14.3	13.2	0.012459
22:00	16.3	15.8	17.4	24.3	81.6	69.1	13.7	13.2	0.011919
23:00	15.7	15.6	16.6	24.1	85.2	74.4	13.3	13.1	0.01148
Avg	17.2	17.1	19.0	23.4	75.8	75.1	14.5	14.4	0.01269
Max	18.8	19.1	20.2	24.7	97.8	98.9	16.1	16.3	0.013954
Hr. of Max	00	00	11	19	07	07	00	08	00
Min	14.6	14.5	16.6	22.2	43.4	46.3	12.1	12.0	0.010812
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/19/2015

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	0.014217	21.7	22.1	.00	29.22	989.6	-2.0	.00	277.2
01:00	0.014097	21.3	21.9	.00	29.21	989.2	-1.2	.00	273.2
02:00	0.013907	20.9	21.6	.00	29.19	988.4	-1.2	.00	228.6
03:00	0.01365	20.6	21.2	.00	29.17	988.0	-3.2	.00	228.4
04:00	0.013623	20.9	21.2	.00	29.17	987.9	-3.7	-.01	219.1
05:00	0.013587	21.0	21.1	.00	29.17	987.8	-2.1	.00	227.6
06:00	0.01368	21.1	21.3	.00	29.18	988.2	1.5	.00	223.9
07:00	0.013743	21.3	21.4	.00	29.20	988.8	42.6	.06	240.5
08:00	0.014142	21.4	22.0	.00	29.21	989.1	152.2	.22	212.0
09:00	0.013967	21.6	21.7	.00	29.21	989.3	277.5	.40	262.7
10:00	0.013497	21.2	21.0	.00	29.21	989.1	541.2	.78	27.6
11:00	0.012716	20.5	19.8	.00	29.21	989.1	626.1	.90	226.9
12:00	0.012505	19.7	19.5	.00	29.20	989.0	733.9	1.05	237.1
13:00	0.011347	17.9	17.7	.00	29.18	988.3	910.9	1.31	249.3
14:00	0.010699	16.9	16.7	.00	29.16	987.6	1036.9	1.49	263.1
15:00	0.010963	17.0	17.1	.00	29.14	987.0	623.7	.89	298.3
16:00	0.01156	18.2	18.0	.00	29.13	986.5	584.3	.84	320.3
17:00	0.011397	17.7	17.7	.00	29.12	986.1	372.4	.53	47.0
18:00	0.01175	18.5	18.3	.00	29.11	985.8	286.5	.41	17.5
19:00	0.011674	18.9	18.2	.00	29.10	985.6	146.7	.21	327.7
20:00	0.011977	19.8	18.6	.00	29.11	986.0	15.2	.02	314.6
21:00	0.011663	19.4	18.2	.00	29.12	986.3	-3.2	.00	339.4
22:00	0.011583	18.6	18.0	.00	29.14	986.8	-1.6	.00	354.9
23:00	0.011394	17.9	17.8	.00	29.15	987.1	-1.3	.00	350.2
Avg	0.012639	19.8	19.7	.00	29.17	987.8	263.8	.38	277.0
Max	0.014217	21.7	22.1	.00	29.22	989.6	1036.9	1.49	354.9
Hr. of Max	00	00	00	23	00	00	14	14	22
Min	0.010699	16.9	16.7	.00	29.10	985.6	-3.7	-.01	17.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/19/2015

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	224.7	169.8	269.3	170.4	42.4	60.0	30.1	.7	.6
01:00	262.6	221.5	273.3	224.3	27.0	32.8	13.3	.9	1.1
02:00	290.9	288.7	233.0	287.9	29.2	43.7	13.9	.6	1.1
03:00	221.7	243.3	234.9	246.9	22.8	13.7	21.5	.9	1.6
04:00	229.9	245.6	224.3	247.3	21.3	18.6	21.0	1.3	2.0
05:00	239.8	244.4	231.4	242.1	18.1	14.6	12.1	1.9	2.5
06:00	230.2	225.3	233.0	228.4	36.3	28.3	16.8	1.2	2.1
07:00	237.3	226.4	244.5	227.9	31.4	24.6	18.8	1.4	1.8
08:00	222.2	228.5	219.8	229.4	38.2	34.7	25.2	1.4	1.7
09:00	297.8	304.7	269.6	301.3	67.9	46.2	41.7	.7	1.3
10:00	27.8	18.2	22.2	14.7	44.1	41.9	50.6	1.5	1.6
11:00	241.0	244.4	231.7	247.0	42.0	38.4	41.7	2.0	2.1
12:00	250.9	265.7	243.8	266.4	62.2	59.3	57.5	1.5	1.9
13:00	285.8	294.1	260.1	295.9	64.5	62.5	59.5	1.2	1.7
14:00	280.9	282.3	264.7	282.6	62.5	57.1	48.9	1.9	2.4
15:00	313.8	316.7	300.8	312.6	38.0	30.1	23.9	3.4	4.3
16:00	340.0	342.7	317.2	339.3	52.2	39.7	32.9	2.4	3.6
17:00	45.4	45.7	51.9	41.2	37.9	25.9	20.4	2.7	4.4
18:00	33.9	40.2	22.2	34.7	38.2	19.4	12.5	2.0	4.3
19:00	344.9	349.6	327.6	343.8	27.8	16.4	14.8	1.9	3.4
20:00	331.8	337.0	313.2	331.4	17.1	16.0	12.7	2.0	3.4
21:00	356.9	354.7	337.6	349.1	18.1	15.4	12.1	1.3	2.7
22:00	12.9	8.6	355.8	2.8	34.9	21.9	14.3	1.4	3.8
23:00	35.9	27.0	348.8	21.6	44.1	53.6	17.1	.5	1.3
Avg	291.0	294.0	280.0	293.0	38.3	34.0	26.4	.0	.0
Max	356.9	354.7	355.8	349.1	67.9	62.5	59.5	3.4	4.4
Hr. of Max	21	21	22	21	09	13	13	15	17
Min	12.9	8.6	22.2	2.8	17.1	13.7	12.1	.5	.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/19/2015

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	1.0	.9	1.1	1.3	1.5	.6	-1.5	.00
01:00	1.6	1.0	1.2	1.7	1.4	2.1	-.1	-.6	-.03
02:00	2.3	.7	1.3	2.5	1.2	2.6	5.0	2.1	.07
03:00	1.1	1.0	1.6	1.2	1.5	1.5	.6	-.1	.01
04:00	2.3	1.5	2.1	2.4	1.9	2.8	-.6	1.1	-.04
05:00	3.0	2.0	2.6	3.2	2.5	3.7	-1.3	1.4	-.10
06:00	3.0	1.3	2.2	3.1	1.9	3.5	4.8	-.3	.03
07:00	2.2	1.5	1.9	2.3	1.9	2.7	2.2	1.8	-.02
08:00	2.0	1.6	1.9	2.2	2.0	2.6	-.1	.9	-.05
09:00	1.4	1.2	1.6	1.7	1.8	2.3	-9.0	-11.8	-.33
10:00	1.0	2.1	2.2	1.9	2.7	2.5	-7.3	-6.7	-.36
11:00	2.1	2.5	2.6	2.6	3.2	3.3	.6	-8.5	.08
12:00	2.2	2.6	3.0	3.3	3.3	3.9	.4	.5	-.10
13:00	2.2	3.3	3.5	3.8	3.9	4.6	-.8	-6.7	-.23
14:00	3.0	3.6	4.2	4.6	4.3	5.4	-3.5	-5.0	-.32
15:00	4.9	4.1	5.0	5.5	4.5	6.1	-4.8	-5.7	-.64
16:00	4.4	3.6	4.6	5.4	4.2	6.0	-5.8	-1.6	-.57
17:00	5.4	3.3	4.8	5.8	3.7	6.3	1.1	4.2	-.10
18:00	5.2	2.4	4.5	5.3	2.8	5.7	-.9	-.9	-.29
19:00	4.6	2.1	3.6	4.9	2.5	5.2	-1.6	-1.4	-.22
20:00	5.1	2.1	3.6	5.2	2.3	5.6	-3.3	-1.8	-.18
21:00	4.6	1.4	3.0	4.8	1.7	5.2	-2.4	-1.2	-.10
22:00	5.6	1.7	4.0	5.8	1.9	6.1	-.6	1.1	-.06
23:00	3.1	.9	1.6	3.2	1.3	3.5	.6	2.4	.02
Avg	.0	2.0	2.8	3.5	2.5	3.9	-1.1	-1.6	-.15
Max	5.6	4.1	5.0	5.8	4.5	6.3	5.0	4.2	.08
Hr. of Max	22	15	15	22	15	17	02	17	11
Min	.6	.7	.9	1.1	1.2	1.5	-9.0	-11.8	-.64
Count	24	24	24	24	24	24	24	24	24
Total									

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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	.01	3.9	4.1	3.2	3.9	3.6	10.2	11.7
01:00	-.03	3.2	3.7	3.4	3.1	3.8	8.9	5.7
02:00	.05	2.7	6.6	6.6	3.0	4.9	11.5	8.9
03:00	-.01	4.4	3.4	4.1	3.2	3.2	7.6	10.3
04:00	.00	3.4	4.1	4.6	3.8	5.2	9.6	12.4
05:00	.07	4.4	5.7	6.4	4.9	5.9	13.2	6.3
06:00	-.01	5.3	6.4	7.3	6.1	8.1	21.2	11.5
07:00	.02	3.9	4.6	5.0	4.3	5.5	18.6	15.3
08:00	.01	5.7	4.6	5.3	4.6	6.0	21.4	17.3
09:00	-.56	5.3	5.7	5.5	5.3	6.1	29.5	26.1
10:00	-.39	6.0	6.0	6.4	7.9	6.9	24.8	30.2
11:00	-.45	8.0	9.2	8.9	10.5	10.0	27.8	29.6
12:00	-.03	9.8	14.2	13.1	8.5	8.8	27.4	27.3
13:00	-.60	11.0	10.5	10.8	10.4	11.4	25.7	29.2
14:00	-.52	12.6	13.3	11.9	11.1	13.6	25.5	27.4
15:00	-.95	15.3	13.1	15.3	14.9	15.8	22.3	20.5
16:00	-.49	11.9	13.1	12.1	14.2	13.5	24.4	22.3
17:00	.35	12.1	14.9	14.7	13.8	16.4	26.5	16.3
18:00	-.16	7.1	8.2	8.7	7.7	9.4	23.4	10.8
19:00	-.20	5.7	9.4	9.4	6.3	9.6	18.7	9.6
20:00	-.22	5.5	7.8	10.5	6.0	10.5	14.2	8.5
21:00	-.15	5.0	11.9	14.0	5.1	10.4	11.8	6.8
22:00	.11	4.8	8.7	11.2	5.5	10.7	11.5	5.5
23:00	.10	3.0	6.2	9.2	3.0	9.9	11.0	9.4
Avg	-.17	6.7	8.1	8.7	7.0	8.7	18.6	15.8
Max	.35	15.3	14.9	15.3	14.9	16.4	29.5	30.2
Hr. of Max	17	15	17	15	15	17	09	10
Min	-.95	2.7	3.4	3.2	3.0	3.2	7.6	5.5
Count	24	24	24	24	24	24	24	24
Total								