Date Printed: 04/18/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

4/17/2015

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	15.0	14.9	14.8	14.8	-.05	-.17	-.21	-.12	-.16
01:00	15.0	14.9	14.8	14.8	-.06	-.21	-.25	-.15	-.19
02:00	14.8	14.7	14.5	14.5	-.11	-.27	-.30	-.16	-.20
03:00	14.6	14.5	14.4	14.4	-.09	-.25	-.25	-.16	-.16
04:00	14.6	14.5	14.3	14.3	-.09	-.25	-.27	-.16	-.19
05:00	14.4	14.3	14.2	14.1	-.10	-.27	-.29	-.17	-.19
06:00	14.3	14.2	14.0	14.0	-.12	-.32	-.35	-.19	-.23
07:00	14.4	14.3	14.1	14.1	-.12	-.31	-.35	-.20	-.24
08:00	14.8	14.6	14.4	14.4	-.13	-.36	-.42	-.23	-.29
09:00	15.6	15.4	15.2	15.1	-.17	-.40	-.49	-.23	-.32
10:00	16.8	16.5	16.2	16.1	-.30	-.59	-.68	-.28	-.38
11:00	17.9	17.5	17.2	17.1	-.44	-.69	-.81	-.26	-.37
12:00	18.9	18.5	18.2	18.2	-.36	-.63	-.71	-.28	-.36
13:00	19.6	19.3	19.0	18.9	-.28	-.59	-.73	-.31	-.45
14:00	20.3	19.9	19.6	19.5	-.41	-.72	-.82	-.30	-.41
15:00	20.9	20.5	20.3	20.2	-.34	-.61	-.72	-.27	-.38
16:00	21.2	20.9	20.6	20.5	-.27	-.55	-.66	-.28	-.39
17:00	21.0	20.8	20.5	20.4	-.19	-.46	-.55	-.28	-.36
18:00	20.7	20.5	20.3	20.3	-.13	-.33	-.40	-.21	-.28
19:00	19.5	19.9	19.8	19.9	.36	.35	.37	.00	.02
20:00	17.7	18.5	18.8	18.9	.80	1.07	1.20	.28	.41
21:00	16.6	17.6	17.8	18.1	.94	1.19	1.46	.25	.52
22:00	16.1	17.0	17.3	17.6	.88	1.21	1.57	.33	.69
23:00	15.2	16.2	16.7	16.9	.96	1.44	1.68	.48	.72
Avg	17.1	17.1	17.0	17.0	.01	-.11	-.12	-.12	-.13
Max	21.2	20.9	20.6	20.5	.96	1.44	1.68	.48	.72
Hr. of Max	16	16	16	16	23	23	23	23	23
Min	14.3	14.2	14.0	14.0	-.44	-.72	-.82	-.31	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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4/17/2015

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	13.6	13.5	14.0	16.8	92.8	92.7	11.7	11.7	0.009949
01:00	13.6	13.5	14.1	16.7	92.9	92.6	11.7	11.7	0.009968
02:00	13.6	13.7	14.0	16.7	94.1	95.0	11.8	11.8	0.009974
03:00	13.7	13.8	14.0	16.6	95.8	97.2	11.8	11.9	0.010033
04:00	13.5	13.7	13.9	16.5	95.0	96.6	11.7	11.8	0.009911
05:00	13.4	13.5	13.8	16.5	95.2	96.5	11.6	11.7	0.009849
06:00	13.3	13.5	13.6	16.4	95.2	97.1	11.5	11.7	0.009772
07:00	13.3	13.4	13.7	16.3	94.7	95.9	11.6	11.6	0.00979
08:00	13.3	13.3	13.8	16.3	92.2	93.1	11.5	11.5	0.009756
09:00	13.0	12.8	13.9	16.2	86.0	85.7	11.3	11.1	0.009598
10:00	13.2	12.8	14.4	16.3	80.9	80.4	11.4	11.1	0.009713
11:00	13.6	13.2	15.1	16.4	77.4	77.3	11.7	11.4	0.010015
12:00	13.8	13.4	15.5	16.7	73.7	73.6	11.8	11.5	0.010121
13:00	14.1	13.6	15.9	17.0	71.9	70.9	12.0	11.6	0.010343
14:00	14.1	13.4	16.1	17.3	68.8	67.6	11.9	11.4	0.010338
15:00	14.1	13.6	16.3	17.6	66.5	65.5	11.9	11.5	0.010362
16:00	14.4	14.0	16.7	17.9	66.7	65.7	12.2	11.8	0.010614
17:00	14.8	14.5	16.9	18.2	69.2	68.7	12.5	12.2	0.010859
18:00	14.7	14.5	16.7	18.3	70.2	69.8	12.4	12.3	0.010825
19:00	15.6	15.0	16.9	18.4	79.9	75.0	13.2	12.7	0.011455
20:00	15.4	15.4	16.2	18.4	88.1	83.8	13.1	13.1	0.011285
21:00	15.0	15.4	15.5	18.3	91.9	88.9	12.8	13.1	0.010983
22:00	14.8	15.3	15.2	18.2	93.7	91.6	12.6	13.0	0.010816
23:00	14.2	15.0	14.5	18.0	94.8	94.5	12.2	12.8	0.010384
Avg	14.0	13.9	15.0	17.2	84.5	84.0	12.0	11.9	0.01028
Max	15.6	15.4	16.9	18.4	95.8	97.2	13.2	13.1	0.011455
Hr. of Max	19	21	19	20	03	03	19	21	19
Min	13.0	12.8	13.6	16.2	66.5	65.5	11.3	11.1	0.009598
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)

4/17/2015

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	0.009906	15.6	15.5	.00	29.23	990.0	-2.0	.00	225.8
01:00	0.009903	15.6	15.5	.00	29.23	990.0	-2.9	.00	253.4
02:00	0.010003	15.6	15.7	.00	29.23	989.9	-3.7	-.01	227.9
03:00	0.010126	15.7	15.9	.00	29.23	989.7	-2.2	.00	244.5
04:00	0.01003	15.5	15.7	.00	29.23	989.8	-.7	.00	241.8
05:00	0.009919	15.4	15.5	.00	29.22	989.7	-1.3	.00	242.9
06:00	0.009883	15.3	15.5	.00	29.23	989.9	-.9	.00	267.9
07:00	0.009832	15.3	15.4	.00	29.24	990.3	15.3	.02	222.3
08:00	0.009758	15.3	15.3	.00	29.25	990.5	85.4	.12	193.5
09:00	0.009456	15.1	14.8	.00	29.24	990.4	207.3	.30	199.3
10:00	0.009476	15.2	14.9	.00	29.24	990.2	355.7	.51	133.3
11:00	0.009731	15.7	15.2	.00	29.23	989.8	432.0	.62	76.7
12:00	0.009886	15.8	15.5	.00	29.20	989.0	376.3	.54	73.9
13:00	0.01002	16.2	15.7	.00	29.18	988.3	349.8	.50	176.0
14:00	0.009899	16.1	15.5	.00	29.16	987.5	462.3	.66	127.3
15:00	0.010004	16.2	15.6	.00	29.14	986.9	462.1	.66	127.0
16:00	0.010285	16.5	16.0	.00	29.12	986.2	334.4	.48	191.6
17:00	0.010654	16.9	16.6	.00	29.11	985.9	223.0	.32	202.8
18:00	0.010679	16.9	16.6	.00	29.10	985.6	118.8	.17	225.3
19:00	0.010994	17.8	17.1	.00	29.09	985.2	31.0	.04	238.3
20:00	0.01129	17.6	17.6	.00	29.10	985.4	-.3	.00	262.8
21:00	0.011279	17.1	17.6	.00	29.12	986.0	-3.6	-.01	249.0
22:00	0.011186	16.9	17.4	.00	29.13	986.4	-3.5	-.01	328.7
23:00	0.011001	16.2	17.1	.00	29.12	986.0	-3.3	.00	279.2
Avg	0.010217	16.1	16.0	.00	29.18	988.3	142.9	.20	218.0
Max	0.01129	17.8	17.6	.00	29.25	990.5	462.3	.66	328.7
Hr. of Max	20	19	21	23	08	08	14	15	22
Min	0.009456	15.1	14.8	.00	29.09	985.2	-3.7	-.01	73.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/17/2015

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	264.1	274.9	227.2	275.1	24.6	22.1	19.2	.7	1.1
01:00	266.2	266.7	254.6	267.2	18.2	13.3	12.7	1.0	1.7
02:00	239.3	245.5	231.7	246.7	19.4	14.4	12.0	1.2	1.9
03:00	248.8	246.5	248.2	248.3	25.0	16.2	13.3	2.2	3.7
04:00	251.1	249.4	246.1	250.7	18.5	13.7	10.2	2.0	3.1
05:00	245.8	240.7	244.1	242.2	22.6	13.0	10.7	1.0	2.0
06:00	276.9	278.9	268.8	278.1	26.0	22.7	19.7	1.0	1.5
07:00	254.0	264.8	228.0	266.1	28.2	40.9	14.4	.3	.7
08:00	241.3	236.7	195.7	235.6	45.0	43.5	47.8	.3	.3
09:00	213.5	224.9	206.9	227.3	55.8	46.4	44.1	.3	.3
10:00	132.1	117.3	135.9	112.9	33.2	31.9	34.5	1.3	1.0
11:00	71.3	75.7	87.2	70.5	58.7	45.8	53.7	1.1	1.4
12:00	69.8	69.2	77.6	63.8	48.7	42.1	38.9	1.4	1.3
13:00	152.5	137.5	182.0	140.9	53.8	51.1	42.1	1.1	1.3
14:00	116.4	117.6	132.4	112.9	63.6	47.6	41.4	1.5	1.6
15:00	134.8	134.9	130.0	136.0	32.4	37.0	38.8	2.3	2.2
16:00	196.2	195.1	196.3	196.3	36.7	28.6	22.5	2.4	3.2
17:00	209.3	207.7	209.1	209.5	21.6	15.6	13.9	3.7	4.6
18:00	225.9	224.4	229.7	226.6	20.8	17.1	12.8	2.5	3.0
19:00	224.6	213.0	240.6	214.4	25.7	17.5	15.8	.9	1.6
20:00	249.1	247.8	264.4	249.7	19.4	18.3	14.9	1.2	2.6
21:00	243.1	247.0	251.7	248.6	15.8	12.8	8.8	2.1	3.5
22:00	189.7	278.6	336.7	278.3	56.1	34.0	48.3	.2	.6
23:00	213.6	149.0	276.9	154.6	27.8	53.7	27.4	.8	.1
Avg	219.0	221.0	221.0	224.0	33.2	29.1	25.7	.0	.0
Max	276.9	278.9	336.7	278.3	63.6	53.7	53.7	3.7	4.6
Hr. of Max	06	06	22	22	14	23	11	17	17
Min	69.8	69.2	77.6	63.8	15.8	12.8	8.8	.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)

4/17/2015

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	1.8	.8	1.2	1.9	1.2	2.1	4.1	3.1	.08
01:00	2.4	1.1	1.7	2.4	1.5	2.7	.7	.1	.00
02:00	2.5	1.3	2.0	2.6	1.7	2.9	.6	.6	-.01
03:00	4.6	2.5	4.0	4.9	2.9	5.2	-.6	.2	-.10
04:00	4.1	2.1	3.2	4.2	2.5	4.5	.1	.7	-.06
05:00	2.7	1.2	2.2	2.9	1.7	3.2	-.3	.7	-.05
06:00	2.0	1.1	1.6	2.1	1.5	2.4	.4	-3.4	-.03
07:00	1.1	.3	.7	1.2	.9	1.5	5.0	-2.1	.09
08:00	.3	.4	.4	.4	.9	.9	-3.2	-3.2	-.05
09:00	.4	.5	.4	.6	1.1	1.4	-3.5	-26.0	-.06
10:00	1.1	1.9	1.8	1.7	2.5	2.3	-3.7	-8.1	-.13
11:00	1.6	1.9	2.0	2.1	2.5	2.7	-4.4	.3	-.16
12:00	1.4	1.6	1.7	1.8	2.2	2.6	-6.1	-12.8	-.17
13:00	1.4	1.8	1.9	2.0	2.5	2.7	-3.9	-15.2	-.13
14:00	1.7	1.8	1.9	1.9	2.6	2.7	-6.6	-17.8	-.25
15:00	2.2	2.8	2.8	2.7	3.5	3.4	-2.1	1.7	-.09
16:00	3.7	2.9	3.6	4.0	3.5	4.6	3.0	2.5	.13
17:00	5.0	4.2	5.0	5.4	4.7	5.8	-1.6	-2.6	-.18
18:00	3.4	2.7	3.2	3.5	3.0	3.9	.7	-1.3	-.05
19:00	2.3	1.2	1.9	2.6	1.6	2.9	2.2	1.8	.05
20:00	3.5	1.5	2.9	3.7	1.8	4.0	-1.7	2.0	-.05
21:00	4.6	2.2	3.7	4.8	2.5	5.1	-.5	1.8	-.05
22:00	1.7	.8	1.6	2.3	1.2	2.6	3.6	.1	.06
23:00	.4	.9	.6	1.0	1.3	1.4	1.4	1.0	.02
Avg	.0	1.6	2.2	2.6	2.1	3.1	-.7	-3.2	-.05
Max	5.0	4.2	5.0	5.4	4.7	5.8	5.0	3.1	.13
Hr. of Max	17	17	17	17	17	17	07	00	16
Min	.3	.3	.4	.4	.9	.9	-6.6	-26.0	-.25
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

4/17/2015

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	.07	2.5	3.9	4.4	3.3	4.7	12.3	12.6
01:00	-.01	3.7	4.1	5.7	3.7	6.2	9.6	7.0
02:00	.02	3.4	3.9	4.8	3.7	5.2	12.6	6.2
03:00	-.01	5.5	7.1	8.0	6.0	9.1	13.0	5.6
04:00	.03	6.4	10.5	9.8	5.2	7.5	13.8	7.3
05:00	.04	3.4	4.1	6.2	3.6	4.8	12.5	4.5
06:00	-.11	6.2	6.2	6.2	3.7	4.7	18.9	11.5
07:00	-.03	1.8	2.7	3.9	2.2	4.2	17.9	13.7
08:00	-.08	2.3	2.1	2.1	2.7	3.0	24.2	30.7
09:00	-.74	2.3	2.3	3.2	3.2	3.8	28.7	31.1
10:00	-.38	6.2	5.7	5.5	7.3	6.3	22.6	28.4
11:00	.08	8.5	6.2	6.0	6.5	6.8	26.9	32.0
12:00	-.45	6.2	11.2	8.5	6.4	7.7	30.0	33.5
13:00	-.86	6.4	6.2	6.0	7.9	6.9	29.6	31.5
14:00	-.75	7.3	6.9	7.3	8.9	8.1	28.8	32.0
15:00	.10	7.8	6.4	6.9	9.7	7.9	18.5	26.7
16:00	.21	9.4	8.2	11.2	10.0	10.2	19.7	20.9
17:00	-.26	10.1	9.8	12.6	10.2	11.0	12.7	11.1
18:00	-.13	7.8	7.3	7.6	6.3	8.9	14.8	12.1
19:00	.10	3.9	3.9	5.7	3.3	4.5	10.3	7.4
20:00	.12	3.4	5.7	7.3	3.8	7.6	7.1	5.0
21:00	.15	3.7	7.3	10.1	4.0	6.9	7.2	3.1
22:00	.08	3.4	7.3	11.2	3.6	7.3	10.5	14.0
23:00	.02	2.5	3.2	3.7	2.8	2.6	6.8	5.9
Avg	-.12	5.2	5.9	6.8	5.3	6.5	17.0	16.4
Max	.21	10.1	11.2	12.6	10.2	11.0	30.0	33.5
Hr. of Max	16	17	12	17	17	17	12	12
Min	-.86	1.8	2.1	2.1	2.2	2.6	6.8	3.1
Count	24	24	24	24	24	24	24	24
Total								