Date Printed: 06/12/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	19.6	20.9	21.5	22.3	1.31	1.92	2.74	.61	1.43
01:00	19.2	20.4	21.0	21.8	1.15	1.79	2.54	.64	1.38
02:00	18.8	20.0	20.5	21.3	1.11	1.64	2.50	.53	1.39
03:00	18.5	19.5	20.0	20.8	.97	1.46	2.22	.49	1.25
04:00	18.2	19.3	19.7	20.1	1.09	1.45	1.95	.37	.86
05:00	18.0	19.2	19.5	20.1	1.21	1.53	2.08	.32	.87
06:00	17.8	18.7	19.1	19.7	.90	1.28	1.84	.38	.94
07:00	19.1	19.3	19.6	19.8	.28	.52	.79	.24	.51
08:00	22.0	21.8	21.6	21.6	-.15	-.37	-.39	-.22	-.24
09:00	24.6	24.2	24.0	23.9	-.41	-.66	-.77	-.25	-.36
10:00	26.0	25.5	25.2	25.1	-.54	-.83	-.94	-.29	-.40
11:00	27.2	26.5	26.3	26.1	-.68	-.96	-1.09	-.28	-.41
12:00	28.4	27.7	27.4	27.3	-.74	-1.02	-1.13	-.28	-.39
13:00	29.5	28.7	28.4	28.3	-.82	-1.12	-1.18	-.30	-.36
14:00	30.5	29.8	29.4	29.3	-.75	-1.09	-1.23	-.34	-.48
15:00	30.8	30.2	29.8	29.7	-.61	-.97	-1.07	-.36	-.46
16:00	29.7	29.2	28.8	28.6	-.53	-.90	-1.08	-.37	-.55
17:00	28.8	28.3	28.0	27.8	-.45	-.78	-.99	-.33	-.54
18:00	28.1	27.8	27.5	27.4	-.25	-.56	-.70	-.31	-.45
19:00	28.0	27.9	27.7	27.6	-.05	-.27	-.32	-.22	-.27
20:00	26.8	27.4	27.3	27.3	.52	.43	.44	-.09	-.09
21:00	24.0	25.7	26.2	26.5	1.71	2.22	2.48	.51	.77
22:00	22.7	24.1	25.0	25.3	1.42	2.26	2.61	.84	1.20
23:00	21.7	23.1	23.8	24.6	1.42	2.12	2.91	.69	1.49
Avg	24.1	24.4	24.5	24.7	.30	.38	.59	.08	.30
Max	30.8	30.2	29.8	29.7	1.71	2.26	2.91	.84	1.49
Hr. of Max	15	15	15	15	21	22	23	22	23
Min	17.8	18.7	19.1	19.7	-.82	-1.12	-1.23	-.37	-.55
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	17.7	18.3	18.3	25.7	90.9	87.2	15.1	15.6	0.013142
01:00	17.6	18.5	18.2	25.5	92.5	91.2	15.0	15.8	0.013068
02:00	17.4	18.5	17.9	25.2	93.3	93.5	14.8	15.8	0.012871
03:00	17.3	18.3	17.7	25.0	94.1	94.9	14.7	15.6	0.012737
04:00	16.9	18.3	17.3	24.7	94.2	96.2	14.4	15.6	0.01247
05:00	16.7	18.2	17.2	24.5	94.4	96.0	14.2	15.5	0.012317
06:00	16.6	17.9	17.0	24.2	94.7	97.0	14.1	15.3	0.012235
07:00	17.6	17.8	18.1	24.0	93.3	93.1	15.0	15.2	0.013023
08:00	18.7	18.0	19.8	23.8	83.6	81.0	15.9	15.2	0.013949
09:00	19.1	18.5	21.0	23.7	73.4	72.4	16.2	15.6	0.014384
10:00	19.5	18.9	21.7	23.8	69.2	68.7	16.5	16.0	0.01476
11:00	20.0	19.3	22.4	24.1	66.6	66.4	17.0	16.3	0.015222
12:00	20.1	19.3	22.9	24.7	62.5	62.0	17.1	16.3	0.015353
13:00	19.7	18.9	23.0	25.4	57.1	56.9	16.6	15.8	0.014961
14:00	19.1	18.3	22.9	26.1	52.1	51.6	15.9	15.2	0.014449
15:00	18.5	17.6	22.6	26.5	49.3	48.4	15.3	14.6	0.013898
16:00	19.8	19.1	23.1	26.7	57.3	56.8	16.7	16.1	0.015144
17:00	18.9	18.4	22.2	27.0	56.9	56.6	15.9	15.4	0.014296
18:00	19.2	18.8	22.1	27.2	60.3	59.8	16.1	15.8	0.014504
19:00	19.8	19.5	22.5	27.2	62.9	61.8	16.7	16.4	0.015056
20:00	20.0	19.7	22.3	27.2	68.0	64.6	17.0	16.6	0.015208
21:00	20.1	20.1	21.4	27.1	81.0	73.0	17.3	17.1	0.015345
22:00	19.9	20.1	20.9	26.9	86.7	80.6	17.1	17.3	0.015138
23:00	19.5	19.5	20.2	26.6	89.3	82.2	16.7	16.7	0.01466
Avg	18.7	18.7	20.5	25.5	76.0	74.7	15.9	15.9	0.014091
Max	20.1	20.1	23.1	27.2	94.7	97.0	17.3	17.3	0.015353
Hr. of Max	21	22	16	20	06	06	21	22	12
Min	16.6	17.6	17.0	23.7	49.3	48.4	14.1	14.6	0.012235
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	0.013667	20.3	21.1	.00	29.02	982.9	-2.8	.00	281.7
01:00	0.013854	20.2	21.4	.00	29.04	983.4	-1.3	.00	333.9
02:00	0.013813	19.9	21.4	.00	29.05	983.7	-2.1	.00	279.8
03:00	0.013651	19.7	21.1	.00	29.04	983.5	-3.2	.00	296.0
04:00	0.013632	19.3	21.1	.00	29.05	983.8	-2.9	.00	329.4
05:00	0.013519	19.1	20.9	.00	29.06	984.1	-2.3	.00	348.2
06:00	0.013272	19.0	20.6	.00	29.07	984.5	9.9	.01	299.0
07:00	0.01322	20.2	20.5	.00	29.09	985.1	112.4	.16	225.7
08:00	0.013383	21.6	20.8	.00	29.09	985.3	336.1	.48	198.0
09:00	0.013844	22.3	21.5	.00	29.10	985.5	535.3	.77	225.1
10:00	0.014198	22.8	22.0	.00	29.11	985.7	703.2	1.01	219.7
11:00	0.014578	23.5	22.6	.00	29.10	985.5	828.8	1.19	251.5
12:00	0.014579	23.7	22.6	.00	29.09	985.3	961.2	1.38	208.5
13:00	0.014202	23.1	22.0	.00	29.07	984.4	1026.0	1.47	206.0
14:00	0.013706	22.3	21.2	.00	29.06	984.0	952.9	1.37	222.2
15:00	0.013183	21.5	20.4	.00	29.04	983.5	852.8	1.22	213.0
16:00	0.014534	23.4	22.4	.00	29.03	983.1	540.7	.78	171.0
17:00	0.013834	22.1	21.4	.00	29.03	983.1	417.6	.60	176.5
18:00	0.014165	22.4	21.9	.00	29.03	983.2	279.9	.40	185.3
19:00	0.014752	23.2	22.8	.00	29.04	983.3	167.1	.24	180.4
20:00	0.014929	23.5	23.1	.00	29.04	983.5	21.6	.03	196.8
21:00	0.015302	23.7	23.6	.00	29.05	983.7	-1.8	.00	255.7
22:00	0.015338	23.4	23.7	.00	29.07	984.4	-2.5	.00	338.5
23:00	0.014722	22.7	22.8	.00	29.08	984.8	-2.5	.00	306.9
Avg	0.014078	21.8	21.8	.00	29.06	984.1	321.8	.46	243.0
Max	0.015338	23.7	23.7	.00	29.11	985.7	1026.0	1.47	348.2
Hr. of Max	22	21	22	23	10	10	13	13	05
Min	0.013183	19.0	20.4	.00	29.02	982.9	-3.2	.00	171.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	231.0	88.1	260.1	115.9	49.9	50.4	12.7	.6	.2
01:00	4.8	307.8	330.0	305.7	47.0	31.4	21.0	.4	.4
02:00	63.6	24.5	280.9	20.8	48.0	49.5	32.3	.6	.3
03:00	65.8	138.6	282.5	103.0	43.2	43.7	58.2	.4	.2
04:00	345.3	53.3	327.0	49.4	21.3	51.0	48.1	.5	.6
05:00	58.1	75.0	344.4	63.2	25.4	18.8	14.4	.4	.8
06:00	249.4	63.3	278.0	42.6	29.9	44.8	17.4	.4	.1
07:00	217.6	120.2	234.8	44.0	33.7	52.0	27.9	.8	.2
08:00	199.4	220.4	206.4	227.0	49.9	41.9	29.2	.7	.5
09:00	241.2	248.7	233.2	249.9	46.8	44.2	32.0	1.6	1.9
10:00	230.3	231.4	223.2	232.3	40.1	31.2	26.4	2.9	3.6
11:00	260.6	257.3	255.9	257.4	45.9	34.9	29.8	2.4	3.2
12:00	217.7	222.9	215.9	224.5	47.9	39.8	33.7	3.3	4.1
13:00	218.3	221.4	212.0	222.7	47.9	43.2	32.8	3.2	4.0
14:00	223.0	227.3	225.1	227.4	76.1	68.5	63.4	1.3	2.0
15:00	229.3	223.2	218.3	225.1	36.3	33.5	30.9	2.2	3.0
16:00	175.3	175.4	177.1	178.1	34.8	28.1	29.6	4.5	5.8
17:00	184.7	184.7	183.2	185.6	27.8	23.0	19.7	5.6	7.0
18:00	190.4	189.6	190.9	190.9	23.7	20.2	18.4	3.3	4.2
19:00	186.4	186.1	186.7	187.5	19.6	15.7	14.0	2.9	3.9
20:00	188.3	178.1	203.5	179.2	22.8	15.3	13.6	1.9	3.2
21:00	204.6	190.1	257.4	191.2	18.4	11.4	6.3	1.3	3.3
22:00	11.6	218.3	339.4	216.8	37.4	52.3	39.4	.7	.1
23:00	21.8	218.6	301.0	220.5	21.2	62.1	10.1	.5	.0
Avg	217.0	195.0	244.0	202.0	37.3	37.8	27.6	.0	.0
Max	345.3	307.8	344.4	305.7	76.1	68.5	63.4	5.6	7.0
Hr. of Max	04	01	05	01	14	14	14	17	17
Min	4.8	24.5	177.1	20.8	18.4	11.4	6.3	.4	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	.4	.6	.5	.4	1.0	.8	2.0	.2	.04
01:00	.7	1.1	2.0	2.2	1.3	2.5	-.1	1.5	-.01
02:00	.7	.7	.5	.9	1.1	1.3	1.5	2.3	.03
03:00	.4	.6	.2	.8	.9	1.1	1.7	-1.1	.03
04:00	.7	1.1	.8	.9	1.4	1.3	1.1	-.6	.02
05:00	1.3	.6	.9	1.6	.8	1.9	1.2	1.1	.02
06:00	.7	.5	.2	.7	1.0	1.1	.7	-1.1	.01
07:00	.1	.8	.4	.1	1.3	.5	-1.2	-1.6	-.01
08:00	.5	.8	1.0	1.2	1.4	1.6	-.7	-5.3	.01
09:00	2.3	2.3	2.5	2.7	2.9	3.3	-.8	-.7	-.12
10:00	3.9	3.7	4.3	4.6	4.2	5.2	-1.4	3.7	-.16
11:00	4.0	3.6	4.2	4.8	4.0	5.3	-.6	-.6	-.17
12:00	4.7	4.2	4.7	5.3	4.9	6.0	-.3	1.7	-.09
13:00	4.6	4.1	4.8	5.2	4.8	5.9	.6	.8	-.02
14:00	2.5	3.0	3.4	3.7	3.7	4.5	6.3	8.1	.40
15:00	3.7	3.5	4.2	4.6	4.2	5.2	.4	-3.1	-.03
16:00	7.0	5.4	6.4	7.6	6.1	8.1	2.4	-1.5	.15
17:00	8.2	6.3	7.5	8.7	6.8	9.2	1.2	1.0	-.01
18:00	5.0	3.6	4.4	5.3	4.1	5.7	2.9	2.1	.09
19:00	5.0	3.1	4.1	5.1	3.5	5.3	3.2	2.0	.12
20:00	4.3	2.0	3.3	4.4	2.4	4.6	.9	-1.5	-.03
21:00	5.0	1.5	3.4	5.1	1.9	5.3	.1	1.6	-.01
22:00	1.2	.8	.6	1.5	1.1	1.9	2.0	2.9	.02
23:00	2.1	.6	.1	2.1	.9	2.4	.4	.0	.01
Avg	.0	2.3	2.7	3.3	2.7	3.8	1.0	.5	.01
Max	8.2	6.3	7.5	8.7	6.8	9.2	6.3	8.1	.40
Hr. of Max	17	17	17	17	17	17	14	14	14
Min	.1	.5	.1	.1	.8	.5	-1.4	-5.3	-.17
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/11/2015

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	.00	2.1	2.1	2.1	2.7	2.3	5.1	5.3
01:00	.07	4.4	4.8	8.2	4.6	7.9	11.9	8.7
02:00	.05	2.7	1.6	2.5	3.3	2.9	9.4	13.5
03:00	-.01	2.3	2.1	2.5	2.4	2.7	6.6	12.2
04:00	.02	2.7	4.1	4.1	3.3	3.9	7.9	6.5
05:00	.04	1.6	3.7	6.2	2.0	4.1	7.8	5.8
06:00	-.02	2.3	1.4	2.1	2.2	2.3	4.8	6.1
07:00	-.02	2.3	1.6	1.8	2.7	2.2	13.6	5.9
08:00	-.16	4.4	3.9	3.7	4.8	4.3	25.4	19.8
09:00	-.13	6.9	6.6	7.1	7.8	8.2	25.3	26.4
10:00	.24	10.3	9.8	10.8	10.6	11.4	19.5	20.7
11:00	-.14	8.7	9.6	10.8	10.2	12.4	22.0	21.2
12:00	.06	11.2	12.6	11.2	12.2	13.1	22.0	24.1
13:00	.04	10.1	12.8	13.7	11.1	14.0	22.0	21.6
14:00	.46	10.1	10.8	10.1	9.9	11.1	24.7	30.5
15:00	-.18	9.4	11.0	12.6	10.4	11.4	22.7	22.6
16:00	-.25	12.8	14.4	15.8	13.3	16.0	20.1	19.3
17:00	-.05	15.6	17.2	19.0	15.9	18.1	16.4	14.3
18:00	.06	9.6	10.8	13.5	10.2	12.5	19.8	16.3
19:00	.10	10.5	11.7	11.4	10.6	11.5	16.0	10.4
20:00	-.18	4.8	7.6	9.6	5.4	9.6	14.8	10.3
21:00	.13	3.2	6.0	8.5	4.1	8.0	8.3	5.0
22:00	.04	3.0	2.5	6.0	2.8	5.4	12.5	16.8
23:00	.01	2.3	1.6	5.0	2.1	5.6	7.4	6.7
Avg	.01	6.4	7.1	8.3	6.9	8.4	15.3	14.6
Max	.46	15.6	17.2	19.0	15.9	18.1	25.4	30.5
Hr. of Max	14	17	17	17	17	17	08	14
Min	-.25	1.6	1.4	1.8	2.0	2.2	4.8	5.0
Count	24	24	24	24	24	24	24	24
Total								