Date Printed: 10/08/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	15.2	15.3	15.3	15.4	.12	.11	.22	-.01	.10
01:00	15.0	15.3	15.2	15.3	.28	.25	.36	-.03	.07
02:00	14.5	15.0	15.2	15.3	.56	.71	.83	.15	.27
03:00	14.6	14.9	14.9	15.1	.27	.31	.45	.04	.18
04:00	14.4	14.5	14.5	14.6	.18	.16	.25	-.03	.07
05:00	14.1	14.3	14.2	14.2	.13	.04	.05	-.09	-.08
06:00	14.1	14.2	14.1	14.1	.11	-.01	-.03	-.12	-.14
07:00	14.1	14.3	14.2	14.2	.25	.13	.10	-.12	-.15
08:00	14.3	14.3	14.2	14.2	.06	-.05	-.05	-.11	-.11
09:00	15.0	14.9	14.7	14.7	-.15	-.32	-.33	-.18	-.18
10:00	15.4	15.3	15.1	15.1	-.10	-.25	-.26	-.15	-.16
11:00	15.4	15.3	15.1	15.1	-.07	-.22	-.26	-.15	-.19
12:00	15.4	15.4	15.3	15.3	-.03	-.12	-.09	-.10	-.06
13:00	16.2	16.1	16.0	16.0	-.10	-.21	-.15	-.11	-.05
14:00	18.2	18.1	18.0	18.0	-.11	-.25	-.24	-.14	-.13
15:00	20.0	19.9	19.8	19.8	-.09	-.21	-.19	-.11	-.10
16:00	21.4	21.4	21.3	21.3	-.01	-.11	-.09	-.11	-.08
17:00	22.3	22.3	22.2	22.2	-.01	-.09	-.08	-.09	-.08
18:00	21.7	22.0	22.0	22.1	.27	.27	.37	.00	.10
19:00	21.1	21.4	21.4	21.6	.33	.38	.55	.05	.22
20:00	20.3	21.0	21.1	21.2	.65	.73	.88	.07	.22
21:00	18.5	20.2	20.5	20.8	1.74	2.01	2.32	.27	.58
22:00	18.1	19.7	20.0	20.3	1.56	1.89	2.18	.33	.62
23:00	17.3	19.1	19.6	19.9	1.85	2.32	2.62	.47	.77
Avg	16.9	17.3	17.2	17.3	.32	.31	.39	-.01	.07
Max	22.3	22.3	22.2	22.2	1.85	2.32	2.62	.47	.77
Hr. of Max	17	17	17	17	23	23	23	23	23
Min	14.1	14.2	14.1	14.1	-.15	-.32	-.33	-.18	-.19
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	14.1	14.2	14.5	16.2	94.6	94.3	12.1	12.2	0.010343
01:00	13.9	14.1	14.3	16.1	94.9	94.5	12.0	12.1	0.010232
02:00	13.6	13.9	13.9	16.2	95.9	94.5	11.7	12.0	0.010001
03:00	13.4	13.4	13.8	16.3	93.6	92.0	11.6	11.6	0.009855
04:00	13.3	13.3	13.7	16.2	94.9	93.6	11.5	11.5	0.009821
05:00	13.0	13.1	13.4	15.6	94.5	94.2	11.3	11.4	0.009619
06:00	12.9	13.0	13.3	15.7	94.0	93.9	11.3	11.3	0.009566
07:00	12.9	12.9	13.3	15.8	94.3	92.5	11.3	11.2	0.00957
08:00	13.2	13.0	13.6	15.9	94.8	93.4	11.5	11.3	0.00975
09:00	13.6	13.4	14.1	16.0	92.7	92.4	11.7	11.6	0.009997
10:00	14.0	13.8	14.5	16.1	93.0	92.0	12.0	11.8	0.010288
11:00	14.1	13.9	14.6	16.2	93.9	93.1	12.1	12.0	0.010376
12:00	14.3	14.2	14.7	16.3	94.6	94.1	12.3	12.2	0.010492
13:00	15.1	15.0	15.4	16.3	94.7	95.0	12.9	12.8	0.011035
14:00	16.5	16.3	17.1	16.4	91.5	91.3	14.0	13.9	0.01214
15:00	17.1	16.8	18.1	16.6	85.0	83.9	14.4	14.2	0.012604
16:00	17.0	16.7	18.5	16.9	77.9	76.3	14.4	14.1	0.012604
17:00	16.9	16.6	18.7	17.2	73.3	71.9	14.2	13.9	0.012531
18:00	17.0	16.8	18.6	17.5	76.2	74.0	14.3	14.1	0.01256
19:00	16.8	16.7	18.2	17.7	78.4	76.5	14.2	14.1	0.012408
20:00	17.0	16.9	18.1	17.8	83.1	79.3	14.4	14.3	0.012565
21:00	16.9	17.1	17.4	17.9	92.6	84.1	14.4	14.4	0.012461
22:00	16.6	17.0	17.1	17.9	92.8	86.5	14.1	14.4	0.012218
23:00	16.3	17.0	16.6	17.9	95.7	89.4	13.8	14.4	0.01195
Avg	15.0	15.0	15.6	16.6	90.3	88.4	12.8	12.8	0.011041
Max	17.1	17.1	18.7	17.9	95.9	95.0	14.4	14.4	0.012604
Hr. of Max	15	21	17	23	02	13	21	23	16
Min	12.9	12.9	13.3	15.6	73.3	71.9	11.3	11.2	0.009566
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	0.010382	16.1	16.2	.25	29.10	985.5	-2.1	.00	229.1
01:00	0.010371	15.9	16.2	.04	29.09	985.1	-2.0	.00	226.2
02:00	0.010215	15.6	15.9	.00	29.10	985.4	-2.5	.00	167.5
03:00	0.009853	15.4	15.4	.01	29.09	985.2	-2.2	.00	215.7
04:00	0.009803	15.3	15.3	.15	29.11	985.7	-2.3	.00	223.9
05:00	0.009679	15.0	15.1	.11	29.10	985.6	-2.7	.00	144.1
06:00	0.009616	14.9	15.0	.00	29.11	986.0	-2.8	.00	201.6
07:00	0.00955	14.9	14.9	.00	29.12	986.2	.2	.00	210.4
08:00	0.009641	15.2	15.1	.00	29.12	986.1	32.9	.05	245.6
09:00	0.009863	15.6	15.4	.00	29.12	986.0	77.8	.11	272.7
10:00	0.01011	16.0	15.8	.00	29.11	985.9	44.3	.06	248.9
11:00	0.010236	16.2	16.0	.06	29.10	985.4	26.5	.04	173.2
12:00	0.01042	16.3	16.2	.07	29.08	984.9	25.5	.04	255.5
13:00	0.010992	17.2	17.1	.10	29.08	984.7	91.7	.13	247.6
14:00	0.012017	18.8	18.6	.00	29.04	983.6	152.3	.22	216.2
15:00	0.012362	19.5	19.2	.00	29.03	983.1	241.3	.35	224.4
16:00	0.012337	19.5	19.1	.00	29.02	982.7	223.2	.32	206.3
17:00	0.01228	19.4	19.0	.00	29.00	982.1	196.2	.28	217.8
18:00	0.012407	19.4	19.2	.00	29.01	982.5	48.9	.07	224.4
19:00	0.012356	19.2	19.1	.00	29.02	982.9	.8	.00	219.6
20:00	0.0125	19.5	19.4	.00	29.04	983.4	-1.2	.00	245.8
21:00	0.012613	19.3	19.6	.00	29.05	983.8	-1.8	.00	251.1
22:00	0.01255	19.0	19.5	.00	29.06	984.2	-3.0	.00	232.1
23:00	0.012536	18.6	19.5	.00	29.08	984.7	-2.8	.00	226.0
Avg	0.011029	17.2	17.2	.03	29.07	984.6	47.3	.07	223.0
Max	0.012613	19.5	19.6	.25	29.12	986.2	241.3	.35	272.7
Hr. of Max	21	20	21	00	09	07	15	15	09
Min	0.00955	14.9	14.9	.00	29.00	982.1	-3.0	.00	144.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	236.1	233.5	240.6	236.2	27.1	18.1	13.0	2.9	5.4
01:00	212.7	201.3	239.7	204.0	54.6	31.4	16.1	.9	2.4
02:00	187.1	185.6	196.3	188.3	55.7	23.2	13.2	.5	2.0
03:00	213.6	209.3	230.7	212.1	43.7	29.8	20.8	1.4	3.2
04:00	245.0	248.8	238.0	251.6	46.1	27.0	17.4	1.5	2.9
05:00	157.1	168.1	161.5	171.0	40.7	29.4	20.4	1.4	2.6
06:00	200.2	183.7	217.0	185.6	42.8	30.0	23.9	1.1	2.3
07:00	196.0	180.6	227.2	182.7	38.4	28.2	21.1	1.0	1.9
08:00	236.5	212.5	260.8	214.2	40.2	28.0	20.4	1.3	2.1
09:00	238.9	215.0	273.1	217.7	48.3	35.2	19.8	.4	1.1
10:00	244.8	236.8	259.7	239.1	40.5	27.3	16.1	.8	1.8
11:00	195.5	219.4	190.8	225.8	68.4	63.6	41.0	.3	.6
12:00	254.1	243.9	265.5	247.2	34.0	22.0	17.4	2.2	3.9
13:00	244.7	236.8	262.6	239.3	35.1	19.5	12.2	2.2	4.2
14:00	221.2	217.4	227.3	219.8	26.4	19.2	14.5	3.5	5.9
15:00	228.3	223.8	235.8	226.5	24.2	17.2	12.4	6.0	9.3
16:00	214.9	212.3	218.2	214.8	24.5	18.4	14.4	5.9	8.9
17:00	222.9	219.0	229.7	221.8	24.5	17.2	13.3	6.7	10.4
18:00	227.3	223.0	237.1	225.6	29.0	20.0	15.2	4.3	7.3
19:00	224.3	218.4	232.0	221.0	24.4	15.6	11.4	4.2	7.7
20:00	246.1	239.2	256.6	241.3	20.6	12.7	9.3	3.5	6.1
21:00	255.2	246.8	260.8	248.9	20.1	12.8	10.5	2.7	5.7
22:00	240.2	240.1	242.9	242.3	12.9	8.7	7.2	2.5	5.1
23:00	247.0	247.4	237.3	249.3	10.4	8.9	7.5	2.2	4.2
Avg	225.0	219.0	235.0	222.0	34.7	23.5	16.2	.0	.0
Max	255.2	248.8	273.1	251.6	68.4	63.6	41.0	6.7	10.4
Hr. of Max	21	04	09	04	11	11	11	17	17
Min	157.1	168.1	161.5	171.0	10.4	8.7	7.2	.3	.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	7.7	3.4	5.9	8.2	3.9	8.8	-.2	1.3	-.10
01:00	4.4	1.4	2.7	4.6	2.0	5.0	-.5	1.1	-.05
02:00	4.4	1.0	2.4	4.6	1.5	5.1	3.2	1.7	.03
03:00	5.4	2.2	3.9	5.9	2.7	6.3	.1	2.0	-.05
04:00	4.6	2.2	3.8	5.4	2.7	5.9	2.5	.1	.04
05:00	4.0	1.9	3.0	4.4	2.6	4.9	3.8	1.7	.10
06:00	3.4	1.4	2.6	3.6	2.1	4.1	-1.2	.8	-.13
07:00	2.9	1.2	2.1	3.1	1.9	3.6	-.7	-3.0	-.09
08:00	3.1	1.4	2.3	3.3	1.9	3.8	-1.6	-.9	-.07
09:00	2.2	.7	1.3	2.4	1.3	2.8	-2.5	-3.8	-.07
10:00	3.0	1.1	2.1	3.3	1.6	3.7	2.1	1.5	.01
11:00	1.2	1.1	1.4	1.9	1.7	2.3	5.7	-.8	.13
12:00	5.4	2.6	4.3	5.7	3.0	6.2	-1.9	1.5	-.16
13:00	6.2	2.4	4.4	6.3	2.9	7.0	1.0	.6	-.09
14:00	8.0	3.8	6.2	8.2	4.5	8.8	2.1	2.0	-.02
15:00	11.9	6.4	9.7	12.2	7.2	13.1	1.2	.5	-.21
16:00	11.5	6.4	9.3	11.9	6.9	12.7	1.3	1.3	-.05
17:00	13.3	7.2	10.9	13.7	8.1	14.6	2.2	.3	-.06
18:00	9.7	4.8	7.7	10.0	5.4	10.7	-.9	.7	-.28
19:00	10.7	4.5	7.9	10.9	5.2	11.6	-1.4	.4	-.31
20:00	8.3	3.8	6.3	8.5	4.3	9.1	-1.7	.7	-.23
21:00	8.2	2.9	5.9	8.5	3.4	9.0	-.9	1.5	-.13
22:00	7.0	2.6	5.2	7.1	3.1	7.6	-1.4	1.1	-.09
23:00	6.3	2.2	4.2	6.4	2.8	6.8	-.3	1.4	-.04
Avg	.0	2.9	4.8	6.7	3.4	7.2	.4	.6	-.08
Max	13.3	7.2	10.9	13.7	8.1	14.6	5.7	2.0	.13
Hr. of Max	17	17	17	17	17	17	11	14	11
Min	1.2	.7	1.3	1.9	1.3	2.3	-2.5	-3.8	-.31
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/7/2014

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	.18	10.5	14.0	16.7	10.5	81.8	14.8	6.6
01:00	.09	7.8	11.4	11.0	7.6	36.4	14.5	7.8
02:00	.09	7.3	9.2	11.4	9.4	12.1	17.1	9.1
03:00	.14	8.0	10.3	18.8	8.9	13.4	16.4	8.8
04:00	.00	8.5	11.9	14.0	8.2	73.9	15.9	8.7
05:00	.04	8.9	14.0	15.3	10.7	64.0	17.4	11.7
06:00	-.03	6.6	11.9	12.1	6.4	9.0	18.3	16.1
07:00	-.24	4.8	6.4	8.7	6.0	9.5	16.9	15.1
08:00	-.12	4.8	5.3	7.1	6.2	8.1	18.3	13.3
09:00	-.21	2.7	3.7	5.3	3.4	5.9	22.5	13.4
10:00	.05	3.4	5.0	8.2	4.1	7.1	17.7	9.5
11:00	-.01	3.4	4.6	5.5	4.4	5.5	17.6	14.9
12:00	.15	7.8	11.7	13.7	9.2	49.6	14.4	9.2
13:00	.03	13.1	11.4	16.0	9.6	64.6	19.2	8.1
14:00	.16	11.4	17.4	18.8	12.6	21.6	18.9	10.9
15:00	-.08	16.3	26.8	33.7	17.4	24.8	17.7	9.5
16:00	.04	17.2	23.4	23.4	20.9	26.4	18.4	11.2
17:00	-.10	20.4	23.8	24.3	21.8	26.8	19.4	9.8
18:00	.00	14.0	16.7	25.9	14.9	21.7	16.6	9.9
19:00	-.05	13.7	18.1	19.7	14.1	19.9	16.8	8.5
20:00	.08	11.0	23.1	25.6	12.9	17.0	12.5	5.9
21:00	.19	8.9	12.8	15.1	9.7	16.1	11.0	5.6
22:00	.12	7.6	17.9	18.5	7.2	13.5	6.8	4.5
23:00	.16	4.4	9.6	12.6	5.4	11.8	5.5	5.0
Avg	.03	9.3	13.4	15.9	10.1	26.7	16.0	9.7
Max	.19	20.4	26.8	33.7	21.8	81.8	22.5	16.1
Hr. of Max	21	17	15	15	17	00	09	06
Min	-.24	2.7	3.7	5.3	3.4	5.5	5.5	4.5
Count	24	24	24	24	24	24	24	24
Total								