Date Printed: 11/08/2014 06:27

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

Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	7.3	7.2	7.0	6.9	-.09	-.27	-.37	-.18	-.29
01:00	7.2	7.2	7.0	6.9	-.02	-.20	-.29	-.18	-.27
02:00	6.2	6.8	6.7	6.6	.58	.49	.42	-.10	-.16
03:00	5.6	5.9	5.8	5.7	.23	.13	.08	-.10	-.15
04:00	5.4	5.7	5.6	5.6	.32	.23	.23	-.08	-.09
05:00	3.9	5.2	5.4	5.4	1.33	1.48	1.46	.15	.13
06:00	3.9	4.6	5.2	5.2	.71	1.26	1.30	.55	.59
07:00	4.8	5.2	5.4	5.5	.43	.58	.65	.15	.23
08:00	6.1	5.9	5.8	5.7	-.12	-.30	-.36	-.17	-.24
09:00	6.6	6.3	6.0	5.9	-.26	-.53	-.67	-.27	-.41
10:00	7.2	6.8	6.4	6.2	-.41	-.79	-.99	-.38	-.58
11:00	7.2	6.8	6.5	6.3	-.39	-.73	-.96	-.34	-.56
12:00	8.1	7.3	6.9	6.6	-.79	-1.20	-1.47	-.41	-.68
13:00	9.1	8.2	7.8	7.6	-.90	-1.32	-1.51	-.42	-.61
14:00	9.8	9.0	8.7	8.5	-.82	-1.14	-1.31	-.32	-.50
15:00	10.2	9.5	9.3	9.1	-.61	-.88	-1.03	-.27	-.42
16:00	10.0	9.8	9.6	9.4	-.21	-.45	-.61	-.25	-.40
17:00	7.8	8.9	8.9	8.9	1.07	1.08	1.12	.00	.04
18:00	5.6	7.5	7.8	7.9	1.91	2.15	2.33	.23	.41
19:00	4.2	6.2	6.4	6.9	2.03	2.26	2.76	.23	.72
20:00	3.5	5.3	5.8	6.5	1.76	2.32	2.96	.56	1.20
21:00	2.8	4.4	4.8	5.6	1.59	1.97	2.78	.38	1.19
22:00	1.9	3.9	4.1	4.7	1.94	2.19	2.73	.26	.79
23:00	1.1	2.8	3.3	4.0	1.70	2.17	2.82	.47	1.13
Avg	6.1	6.5	6.5	6.6	.46	.44	.50	-.02	.04
Max	10.2	9.8	9.6	9.4	2.03	2.32	2.96	.56	1.20
Hr. of Max	15	16	16	16	19	20	20	20	20
Min	1.1	2.8	3.3	4.0	-.90	-1.32	-1.51	-.42	-.68
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	1.7	1.5	3.5	12.7	68.0	67.8	5.3	5.3	0.00438
01:00	.6	.4	2.8	12.5	63.6	62.7	5.0	4.9	0.004061
02:00	-.4	-1.2	1.8	12.4	63.5	57.4	4.6	4.4	0.00377
03:00	.0	-.5	1.9	12.2	67.6	64.0	4.8	4.6	0.003878
04:00	.2	-.1	1.9	12.1	70.0	66.8	4.8	4.7	0.00394
05:00	.4	-.2	1.6	11.9	78.9	68.5	4.9	4.7	0.004
06:00	1.1	.0	2.1	11.7	82.6	72.5	5.2	4.8	0.004199
07:00	1.7	.2	2.8	11.6	81.1	70.3	5.4	4.8	0.004384
08:00	.7	.2	2.5	11.4	69.3	67.4	5.0	4.8	0.004083
09:00	.1	-.2	2.3	11.4	63.9	63.5	4.8	4.7	0.003904
10:00	.0	-.3	2.4	11.4	60.8	61.1	4.7	4.6	0.003876
11:00	.2	-.1	2.5	11.4	61.7	61.8	4.8	4.7	0.003938
12:00	.2	-.2	2.8	11.5	57.9	59.2	4.8	4.7	0.003941
13:00	.1	-.2	3.1	11.6	53.8	55.9	4.8	4.7	0.003918
14:00	.2	-.3	3.4	11.8	51.7	52.7	4.8	4.6	0.00395
15:00	.2	-.3	3.5	12.0	50.7	50.9	4.8	4.6	0.00397
16:00	.4	.3	3.6	12.1	51.9	52.1	4.9	4.8	0.004022
17:00	1.6	1.0	3.7	12.1	65.4	58.2	5.3	5.1	0.004366
18:00	1.7	1.2	3.0	12.1	76.4	65.0	5.4	5.2	0.004385
19:00	1.6	1.4	2.4	12.0	83.7	71.8	5.4	5.3	0.004346
20:00	1.4	1.8	2.1	11.8	87.0	78.8	5.3	5.4	0.004306
21:00	1.2	1.6	1.7	11.6	89.6	82.6	5.2	5.4	0.004226
22:00	.6	1.4	1.0	11.4	91.4	84.7	5.0	5.3	0.004046
23:00	.0	1.1	.4	11.2	92.5	88.8	4.8	5.2	0.003867
Avg	.6	.4	2.5	11.8	70.1	66.0	5.0	4.9	0.004073
Max	1.7	1.8	3.7	12.7	92.5	88.8	5.4	5.4	0.004385
Hr. of Max	18	20	17	00	23	23	19	21	18
Min	-.4	-1.2	.4	11.2	50.7	50.9	4.6	4.4	0.00377
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	0.004341	6.9	6.9	.00	29.21	989.3	-2.2	.00	254.3
01:00	0.003994	6.4	6.3	.00	29.21	989.2	-2.2	.00	293.0
02:00	0.003562	6.0	5.6	.00	29.21	989.3	-2.0	.00	227.2
03:00	0.003731	6.1	5.9	.00	29.21	989.3	-2.2	.00	246.3
04:00	0.003842	6.2	6.1	.00	29.22	989.4	-2.4	.00	265.8
05:00	0.003816	6.3	6.0	.00	29.23	989.8	-2.4	.00	266.7
06:00	0.003873	6.6	6.1	.00	29.25	990.4	-2.6	.00	291.6
07:00	0.003916	6.9	6.2	.00	29.25	990.5	14.8	.02	309.3
08:00	0.003935	6.5	6.2	.00	29.27	991.4	60.9	.09	331.7
09:00	0.003804	6.2	6.0	.00	29.28	991.4	119.7	.17	11.4
10:00	0.003788	6.1	6.0	.00	29.26	991.0	276.9	.40	50.1
11:00	0.003844	6.2	6.1	.00	29.26	991.0	217.8	.31	71.0
12:00	0.003817	6.2	6.0	.00	29.23	990.0	535.8	.77	71.0
13:00	0.003823	6.2	6.0	.00	29.21	989.2	544.5	.78	72.9
14:00	0.003812	6.2	6.0	.00	29.20	988.7	527.2	.76	124.9
15:00	0.003822	6.3	6.0	.00	29.18	988.1	366.2	.52	137.0
16:00	0.003976	6.3	6.3	.00	29.16	987.7	181.9	.26	74.6
17:00	0.004186	6.9	6.6	.00	29.16	987.4	15.0	.02	40.8
18:00	0.004256	6.9	6.7	.00	29.16	987.6	-2.3	.00	23.2
19:00	0.004297	6.9	6.8	.00	29.16	987.6	-2.3	.00	44.8
20:00	0.004413	6.8	7.0	.00	29.16	987.5	-2.2	.00	56.4
21:00	0.004363	6.7	6.9	.00	29.16	987.4	-2.5	.00	54.6
22:00	0.004301	6.4	6.8	.00	29.16	987.4	-2.0	.00	61.8
23:00	0.004195	6.1	6.6	.00	29.16	987.4	-2.4	.00	350.9
Avg	0.003988	6.4	6.3	.00	29.21	989.1	118.0	.17	20.0
Max	0.004413	6.9	7.0	.00	29.28	991.4	544.5	.78	350.9
Hr. of Max	20	19	20	23	09	09	13	13	23
Min	0.003562	6.0	5.6	.00	29.16	987.4	-2.6	.00	11.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	271.7	279.7	258.8	280.7	29.8	28.5	28.9	3.4	4.5
01:00	316.2	323.7	296.0	321.5	59.9	58.3	51.4	2.0	3.4
02:00	234.8	253.1	233.0	256.6	37.5	41.2	56.2	1.0	1.1
03:00	263.6	271.5	252.2	273.0	19.2	15.4	13.4	3.0	4.5
04:00	280.6	287.5	270.9	287.0	26.7	20.0	15.4	2.9	4.4
05:00	258.7	274.3	271.1	273.7	41.5	26.2	35.7	.9	1.4
06:00	281.3	325.6	293.8	323.7	23.4	29.7	20.2	.5	.6
07:00	11.8	20.1	309.0	15.1	27.8	11.9	9.3	.8	1.8
08:00	347.5	351.5	330.5	347.6	35.4	25.2	21.7	.9	1.8
09:00	11.5	5.3	13.2	2.3	40.9	31.0	24.3	2.2	3.9
10:00	45.0	41.9	50.6	38.8	42.1	27.8	21.1	3.9	6.5
11:00	65.5	63.2	74.4	60.3	25.3	19.3	14.1	5.1	7.1
12:00	62.9	60.6	74.9	58.2	31.8	26.7	21.4	5.0	6.4
13:00	70.4	68.2	75.9	65.1	29.1	25.6	23.2	4.9	6.2
14:00	119.5	113.4	130.0	110.9	37.8	35.7	36.5	3.1	3.4
15:00	141.2	137.7	142.9	136.9	40.3	38.9	38.9	2.2	2.2
16:00	77.6	75.7	81.3	72.5	47.5	42.4	39.9	1.7	2.2
17:00	54.5	59.6	42.1	56.8	25.4	13.8	12.5	1.8	3.7
18:00	60.0	68.1	25.2	65.4	17.4	8.5	7.3	1.8	2.8
19:00	55.5	65.6	46.7	62.8	16.7	11.1	4.1	1.4	2.5
20:00	49.5	52.1	60.9	49.2	19.6	11.4	4.3	1.4	2.5
21:00	57.9	58.3	61.1	55.5	30.2	12.1	4.6	1.2	3.5
22:00	59.1	61.8	67.7	59.1	48.9	25.3	6.5	.8	2.6
23:00	44.4	49.8	350.1	45.5	44.1	46.6	18.3	.4	.5
Avg	33.0	32.0	21.0	28.0	33.3	26.4	22.1	.0	.0
Max	347.5	351.5	350.1	347.6	59.9	58.3	56.2	5.1	7.1
Hr. of Max	08	08	23	08	01	01	02	11	11
Min	11.5	5.3	13.2	2.3	16.7	8.5	4.1	.4	.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	5.1	3.7	4.9	5.5	4.3	6.1	-1.0	-1.3	-.22
01:00	4.6	2.9	4.3	5.2	3.7	6.0	-.9	3.3	-.33
02:00	1.0	1.8	2.0	2.0	2.4	2.7	1.7	-.5	.12
03:00	5.2	3.1	4.6	5.3	3.8	5.8	-.9	1.0	-.14
04:00	5.8	3.2	4.7	6.1	3.6	6.4	-2.6	-1.5	-.25
05:00	1.7	1.2	2.1	2.3	1.7	2.8	.4	2.0	.02
06:00	1.1	.8	1.0	1.7	1.3	2.2	.4	-.4	.02
07:00	3.0	.8	2.0	3.1	1.2	3.6	-.3	.3	-.03
08:00	2.4	1.2	2.1	2.6	1.8	3.2	-1.0	-1.5	-.09
09:00	4.7	3.2	4.9	5.7	3.9	6.4	-1.5	1.1	-.36
10:00	8.2	4.7	7.1	8.7	5.6	9.5	-.5	2.2	-.35
11:00	8.9	5.6	7.6	9.2	6.4	9.9	.1	2.2	-.13
12:00	7.5	5.7	7.0	8.0	6.5	8.8	2.4	3.3	.14
13:00	6.7	5.8	7.1	7.4	6.4	8.1	-1.8	-1.4	-.31
14:00	3.3	3.7	4.1	4.0	4.6	4.8	2.4	5.9	.05
15:00	2.2	3.0	2.9	3.0	3.7	3.7	1.4	2.9	.09
16:00	2.6	2.2	2.7	3.1	2.8	3.8	1.8	7.4	.04
17:00	4.6	1.9	3.8	4.7	2.1	5.2	-1.4	-.3	-.14
18:00	3.6	1.9	2.9	3.6	2.1	4.1	.6	-.4	-.01
19:00	3.9	1.5	2.6	3.9	1.8	4.4	1.0	-.2	.00
20:00	4.6	1.5	2.6	4.6	1.8	5.1	1.4	.3	.01
21:00	6.2	1.3	3.6	6.2	1.7	6.7	-2.0	-.6	-.09
22:00	4.4	1.1	2.8	4.5	1.5	5.0	2.0	-.7	.02
23:00	1.4	.7	.9	1.5	1.1	2.1	1.3	-1.0	.01
Avg	.0	2.6	3.8	4.7	3.2	5.3	.1	.9	-.08
Max	8.9	5.8	7.6	9.2	6.5	9.9	2.4	7.4	.14
Hr. of Max	11	13	11	11	12	11	14	16	12
Min	1.0	.7	.9	1.5	1.1	2.1	-2.6	-1.5	-.36
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

11/7/2014

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	-.28	12.4	15.3	20.2	13.8	16.8	19.3	18.2
01:00	-.07	13.5	14.9	16.9	15.1	17.8	22.5	24.8
02:00	-.09	6.4	7.3	8.0	6.5	8.6	19.8	28.0
03:00	.04	7.3	10.3	11.7	8.8	12.5	12.6	9.7
04:00	-.26	11.0	10.8	10.8	11.1	12.7	14.4	9.8
05:00	.05	3.9	5.3	5.7	4.5	6.3	15.9	18.0
06:00	-.03	2.3	3.7	4.8	3.0	5.1	10.1	11.4
07:00	.01	2.3	3.9	5.0	2.5	5.7	14.6	4.0
08:00	-.13	4.8	5.3	6.0	5.6	6.9	21.7	15.4
09:00	-.08	12.1	14.9	15.6	12.9	16.3	22.3	15.3
10:00	.10	16.0	20.2	17.4	16.7	18.6	22.2	14.7
11:00	.18	14.9	16.0	15.8	16.1	16.9	18.3	12.2
12:00	.33	22.9	22.9	23.6	18.1	19.2	18.9	15.7
13:00	-.24	13.7	14.7	21.1	15.1	14.5	17.8	15.3
14:00	.38	11.2	10.8	10.8	12.1	11.0	20.0	23.8
15:00	.26	7.8	11.4	10.5	8.6	8.7	18.5	25.3
16:00	.44	7.3	7.6	7.8	8.4	8.7	21.9	23.9
17:00	-.08	6.9	11.2	10.1	6.0	8.8	17.0	8.8
18:00	-.04	5.3	4.8	6.9	4.0	7.1	9.5	4.5
19:00	-.02	3.2	5.5	7.1	3.7	5.9	7.5	2.3
20:00	.02	3.9	5.7	8.9	3.6	7.1	7.4	2.6
21:00	-.06	4.8	6.4	8.7	4.1	9.4	11.0	2.5
22:00	-.07	3.7	5.5	7.8	3.4	7.6	9.2	3.2
23:00	-.01	3.0	3.4	5.7	3.4	4.0	7.9	5.1
Avg	.01	8.4	9.9	11.1	8.6	10.7	15.8	13.1
Max	.44	22.9	22.9	23.6	18.1	19.2	22.5	28.0
Hr. of Max	16	12	12	12	12	12	01	02
Min	-.28	2.3	3.4	4.8	2.5	4.0	7.4	2.3
Count	24	24	24	24	24	24	24	24
Total								