Date Printed: 03/23/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	10.3	11.7	12.6	13.1	1.40	2.27	2.86	.87	1.46
01:00	10.1	11.4	12.0	12.9	1.27	1.91	2.80	.64	1.53
02:00	10.1	11.2	11.6	12.5	1.07	1.47	2.39	.40	1.32
03:00	9.6	10.9	11.1	11.9	1.33	1.57	2.32	.24	.99
04:00	9.2	10.4	10.7	11.6	1.21	1.44	2.35	.22	1.14
05:00	9.0	10.1	10.2	11.0	1.12	1.17	1.98	.05	.86
06:00	8.7	9.9	10.0	10.5	1.15	1.21	1.71	.06	.56
07:00	8.5	9.7	10.1	10.7	1.18	1.58	2.17	.40	.99
08:00	8.9	9.8	10.2	11.0	.94	1.28	2.06	.34	1.12
09:00	11.0	11.0	11.1	11.6	.02	.11	.54	.09	.53
10:00	14.2	13.9	13.7	13.6	-.30	-.53	-.62	-.23	-.32
11:00	16.4	16.0	15.6	15.4	-.44	-.80	-1.01	-.36	-.57
12:00	17.8	17.2	16.9	16.7	-.51	-.83	-1.02	-.32	-.51
13:00	18.7	18.3	18.0	17.8	-.45	-.79	-.96	-.34	-.52
14:00	18.9	18.6	18.4	18.2	-.28	-.55	-.69	-.27	-.41
15:00	19.0	18.8	18.6	18.5	-.21	-.45	-.56	-.25	-.35
16:00	18.7	18.7	18.5	18.4	-.04	-.22	-.30	-.18	-.26
17:00	17.8	18.4	18.4	18.4	.67	.62	.59	-.05	-.07
18:00	16.8	17.8	17.8	17.8	.99	.95	.95	-.04	-.04
19:00	15.9	17.3	17.4	17.5	1.40	1.55	1.61	.15	.21
20:00	15.5	16.3	16.3	16.3	.81	.78	.78	-.03	-.03
21:00	11.7	12.4	12.6	12.8	.69	.86	1.10	.18	.41
22:00	10.9	11.1	11.6	11.8	.14	.62	.86	.49	.72
23:00	10.7	10.9	11.1	11.3	.20	.36	.59	.16	.39
Avg	13.3	13.8	13.9	14.2	.56	.65	.94	.09	.38
Max	19.0	18.8	18.6	18.5	1.40	2.27	2.86	.87	1.53
Hr. of Max	15	15	15	15	19	00	00	00	01
Min	8.5	9.7	10.0	10.5	-.51	-.83	-1.02	-.36	-.57
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	8.0	7.6	8.7	12.9	86.5	76.9	8.2	8.0	0.006818
01:00	8.0	7.9	8.7	12.8	87.4	79.9	8.2	8.1	0.006814
02:00	7.8	7.8	8.6	12.6	86.8	81.0	8.1	8.1	0.006755
03:00	7.7	7.7	8.3	12.4	89.3	81.4	8.1	8.0	0.006716
04:00	7.5	7.6	8.1	12.2	90.2	83.7	8.0	8.0	0.006629
05:00	7.4	7.2	8.0	12.1	90.8	82.9	7.9	7.8	0.006577
06:00	7.2	7.0	7.7	11.9	90.8	83.2	7.8	7.7	0.006461
07:00	7.0	6.6	7.5	11.8	91.5	82.1	7.7	7.5	0.006404
08:00	7.3	6.4	7.8	11.6	90.7	80.0	7.9	7.4	0.006522
09:00	7.4	6.7	8.6	11.5	79.5	75.4	7.9	7.5	0.006574
10:00	6.9	6.2	9.3	11.5	62.4	60.6	7.5	7.2	0.006365
11:00	5.6	4.9	9.2	11.6	49.6	48.6	6.9	6.6	0.005847
12:00	5.0	4.3	9.3	11.8	43.7	43.0	6.6	6.3	0.005613
13:00	4.8	4.2	9.5	12.1	40.7	39.9	6.5	6.2	0.005558
14:00	4.5	3.9	9.3	12.4	39.4	38.4	6.4	6.1	0.00545
15:00	4.6	3.9	9.4	12.7	39.4	37.9	6.4	6.1	0.005494
16:00	4.1	3.3	9.0	12.9	38.8	36.7	6.2	5.8	0.005305
17:00	5.6	3.9	9.7	13.0	45.8	38.7	6.9	6.1	0.005879
18:00	6.9	4.7	10.2	13.0	52.7	42.8	7.5	6.4	0.006391
19:00	6.5	4.3	9.7	13.0	55.7	43.6	7.4	6.3	0.006305
20:00	5.1	3.7	8.5	13.0	52.1	44.6	6.7	6.1	0.005684
21:00	9.5	8.7	10.2	12.9	87.9	79.6	9.1	8.6	0.007607
22:00	10.1	9.8	10.4	12.7	95.8	92.9	9.4	9.2	0.007909
23:00	10.0	9.9	10.2	12.6	96.3	94.8	9.4	9.3	0.007831
Avg	6.9	6.2	9.0	12.4	70.2	64.5	7.6	7.3	0.006396
Max	10.1	9.9	10.4	13.0	96.3	94.8	9.4	9.3	0.007909
Hr. of Max	22	23	22	20	23	23	23	23	22
Min	4.1	3.3	7.5	11.5	38.8	36.7	6.2	5.8	0.005305
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	0.006655	10.7	10.5	.00	29.19	988.5	-1.9	.00	246.8
01:00	0.00678	10.7	10.7	.00	29.19	988.6	-2.1	.00	66.4
02:00	0.00677	10.6	10.6	.00	29.18	988.3	-2.5	.00	71.5
03:00	0.006686	10.6	10.5	.00	29.18	988.1	-2.5	.00	32.5
04:00	0.006678	10.4	10.5	.00	29.16	987.6	-2.3	.00	62.6
05:00	0.006475	10.3	10.2	.00	29.15	987.3	-1.9	.00	34.0
06:00	0.0064	10.1	10.1	.00	29.15	987.2	-2.4	.00	51.3
07:00	0.006228	10.1	9.8	.00	29.15	987.2	-.2	.00	57.7
08:00	0.006123	10.2	9.6	.00	29.16	987.4	38.5	.06	59.1
09:00	0.006249	10.3	9.8	.00	29.16	987.5	166.0	.24	80.0
10:00	0.00606	10.0	9.5	.00	29.16	987.6	296.0	.42	72.4
11:00	0.00557	9.2	8.8	.00	29.16	987.5	422.7	.61	71.4
12:00	0.005347	8.8	8.4	.00	29.14	986.8	489.3	.70	78.3
13:00	0.005297	8.7	8.3	.00	29.12	986.2	396.8	.57	73.3
14:00	0.005212	8.6	8.2	.00	29.10	985.6	302.0	.43	84.5
15:00	0.005221	8.6	8.2	.00	29.08	984.8	251.9	.36	68.9
16:00	0.00501	8.3	7.9	.00	29.08	984.7	148.2	.21	62.6
17:00	0.005205	9.2	8.2	.00	29.06	984.2	68.7	.10	100.6
18:00	0.00552	10.0	8.7	.00	29.06	984.1	34.2	.05	211.8
19:00	0.005416	9.9	8.5	.00	29.07	984.5	1.9	.00	192.7
20:00	0.005157	8.9	8.1	.01	29.10	985.5	-1.7	.00	131.0
21:00	0.00721	11.9	11.3	.02	29.13	986.5	-2.6	.00	231.2
22:00	0.00774	12.4	12.1	.02	29.14	986.7	-2.1	.00	251.2
23:00	0.007811	12.3	12.2	.00	29.12	986.2	-1.9	.00	255.3
Avg	0.006118	10.0	9.6	.00	29.13	986.6	108.0	.16	77.0
Max	0.007811	12.4	12.2	.02	29.19	988.6	489.3	.70	255.3
Hr. of Max	23	22	23	22	01	01	12	12	23
Min	0.00501	8.3	7.9	.00	29.06	984.1	-2.6	.00	32.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	240.4	236.4	242.9	237.9	39.7	12.8	7.5	.6	2.2
01:00	38.8	350.9	71.0	345.1	39.8	29.4	21.2	.8	1.5
02:00	57.5	53.4	79.4	49.2	20.3	10.4	5.7	.8	2.2
03:00	53.6	61.1	36.2	57.2	32.6	12.5	5.2	.5	1.7
04:00	72.8	63.3	69.6	59.3	38.7	14.6	5.4	.6	1.8
05:00	70.9	57.1	47.1	53.4	34.1	8.3	2.7	.2	1.3
06:00	68.3	56.5	53.5	52.4	31.3	14.1	4.9	.6	1.5
07:00	53.8	54.2	60.4	49.9	36.9	15.7	5.4	.9	2.2
08:00	51.4	52.8	61.8	48.4	30.5	12.7	6.7	1.0	2.5
09:00	70.9	49.9	85.5	45.2	37.7	17.5	14.9	1.2	1.9
10:00	69.5	65.3	74.2	61.4	31.9	20.2	12.9	2.9	4.0
11:00	68.2	64.7	73.3	60.8	26.8	21.2	15.6	4.3	6.1
12:00	77.2	74.5	78.9	70.5	24.4	17.7	14.1	6.0	7.4
13:00	67.0	64.7	75.2	60.0	30.6	23.8	20.8	3.7	5.0
14:00	80.0	78.4	85.4	74.4	22.9	18.8	15.9	3.6	4.8
15:00	61.4	54.2	68.2	50.1	31.7	24.0	20.0	2.7	3.9
16:00	64.4	67.5	63.3	63.1	34.5	29.5	28.0	1.2	1.8
17:00	102.6	100.1	104.4	96.3	45.3	18.0	13.7	1.4	2.7
18:00	211.5	207.0	217.0	208.6	18.6	15.7	12.2	2.0	3.0
19:00	195.9	199.3	199.2	203.0	41.7	27.8	23.8	.8	1.1
20:00	123.7	118.7	137.8	119.1	57.6	50.7	44.6	1.5	2.1
21:00	220.2	206.8	235.6	208.7	20.6	12.8	10.9	2.0	3.5
22:00	256.5	247.1	247.9	248.4	21.1	10.0	5.5	.6	2.8
23:00	231.2	243.8	257.9	245.0	21.7	16.9	14.4	.8	1.5
Avg	79.0	72.0	82.0	66.0	32.1	19.0	13.8	.0	.0
Max	256.5	350.9	257.9	345.1	57.6	50.7	44.6	6.0	7.4
Hr. of Max	22	01	23	01	20	20	20	12	12
Min	38.8	49.9	36.2	45.2	18.6	8.3	2.7	.2	1.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	2.3	.7	2.2	2.4	1.1	2.7	1.9	1.3	.03
01:00	1.2	1.2	1.8	2.4	1.5	2.7	2.6	2.3	.07
02:00	3.4	.9	2.2	3.4	1.2	3.8	2.5	.3	.02
03:00	3.4	.7	1.8	3.4	.9	3.8	1.4	.1	.03
04:00	4.3	.7	1.9	4.3	1.1	4.6	1.7	-.1	.03
05:00	3.6	.3	1.3	3.6	.6	3.9	-.4	1.0	-.01
06:00	3.2	.6	1.5	3.3	.9	3.6	1.3	.0	.01
07:00	3.6	1.0	2.3	3.6	1.2	4.0	2.1	-.3	.02
08:00	4.4	1.2	2.6	4.4	1.5	4.8	-.1	-1.0	-.02
09:00	2.3	1.3	2.1	2.5	1.7	2.9	.0	-.9	-.01
10:00	5.4	3.2	4.2	5.6	3.8	6.0	1.1	1.3	-.01
11:00	7.9	4.7	6.4	8.1	5.3	8.6	2.5	1.1	.03
12:00	8.5	6.4	7.7	8.7	7.0	9.2	.8	.0	-.09
13:00	6.0	4.3	5.6	6.6	4.7	7.1	1.6	2.4	.00
14:00	5.4	3.9	5.1	5.6	4.5	6.0	-.5	.7	-.13
15:00	5.1	3.1	4.3	5.4	3.5	5.9	.4	2.1	-.05
16:00	1.9	1.9	2.4	2.3	2.3	2.8	-4.1	-.5	-.17
17:00	3.3	1.6	2.9	3.4	2.2	3.8	.8	1.7	-.05
18:00	3.6	2.3	3.4	4.0	2.7	4.4	1.0	.1	.01
19:00	1.5	3.5	5.2	6.1	3.9	6.6	-.2	1.4	-.05
20:00	3.1	4.3	5.8	6.8	4.9	7.4	1.8	3.0	.09
21:00	5.1	2.4	3.8	5.5	2.8	5.9	-.6	-.9	-.06
22:00	4.6	.6	2.8	4.7	1.2	5.1	.5	1.8	.00
23:00	2.7	1.3	2.0	3.0	1.7	3.4	-2.2	.3	-.08
Avg	.0	2.2	3.4	4.5	2.6	5.0	.7	.7	-.02
Max	8.5	6.4	7.7	8.7	7.0	9.2	2.6	3.0	.09
Hr. of Max	12	12	12	12	12	12	01	20	20
Min	1.2	.3	1.3	2.3	.6	2.7	-4.1	-1.0	-.17
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/22/2015

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	.06	2.5	5.5	4.1	2.7	3.8	6.7	2.1
01:00	.09	3.0	4.4	3.9	3.6	4.5	8.4	7.2
02:00	.00	3.4	6.0	7.1	3.2	6.3	9.5	2.9
03:00	.00	2.3	3.4	6.4	2.4	5.9	7.4	2.6
04:00	-.02	2.5	5.7	8.7	2.7	6.1	10.8	2.5
05:00	.07	1.4	2.7	5.5	1.8	5.7	8.2	2.4
06:00	.00	2.1	4.4	8.0	2.1	5.1	8.9	3.0
07:00	-.03	2.5	3.7	5.5	2.6	5.4	9.5	2.4
08:00	-.09	3.0	4.4	6.6	2.6	7.0	8.8	2.7
09:00	-.05	5.5	6.2	8.0	5.4	6.7	14.1	7.3
10:00	.09	7.6	10.5	11.9	8.0	12.3	19.1	10.3
11:00	.00	11.7	13.5	21.1	13.5	15.8	19.7	12.6
12:00	-.06	21.5	23.8	16.5	15.8	15.6	16.6	11.5
13:00	.22	16.9	17.2	17.4	11.6	13.1	20.0	13.6
14:00	-.07	10.1	10.8	13.5	11.3	11.7	16.7	15.9
15:00	.13	9.4	10.3	13.3	11.5	11.9	21.6	17.9
16:00	-.04	4.8	7.3	9.4	5.5	6.3	17.6	20.7
17:00	.09	6.2	6.0	6.2	6.2	6.6	15.5	11.7
18:00	-.02	6.6	6.9	7.3	6.8	7.8	7.9	6.7
19:00	.22	22.0	23.1	31.1	22.1	32.5	13.1	11.2
20:00	.26	11.7	14.7	15.1	13.8	16.7	18.3	16.4
21:00	-.11	14.0	16.7	16.7	9.2	12.7	9.5	6.5
22:00	.16	3.2	6.0	9.2	2.6	7.4	7.2	3.5
23:00	.01	3.4	3.7	6.2	3.8	5.9	5.9	3.5
Avg	.04	7.4	9.0	10.8	7.1	9.7	12.5	8.2
Max	.26	22.0	23.8	31.1	22.1	32.5	21.6	20.7
Hr. of Max	20	19	12	19	19	19	15	16
Min	-.11	1.4	2.7	3.9	1.8	3.8	5.9	2.1
Count	24	24	24	24	24	24	24	24
Total								