Date Printed: 06/06/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	17.1	18.3	19.0	19.9	1.26	1.98	2.83	.72	1.58
01:00	16.4	17.5	18.4	19.1	1.06	2.03	2.72	.96	1.66
02:00	16.1	17.2	18.2	19.1	1.10	2.08	3.04	.98	1.94
03:00	15.8	16.9	17.6	18.7	1.16	1.86	2.93	.69	1.77
04:00	15.5	16.8	17.6	18.1	1.33	2.10	2.63	.77	1.30
05:00	15.3	16.6	17.2	17.9	1.32	1.86	2.56	.55	1.24
06:00	15.2	16.2	16.7	17.5	1.03	1.53	2.36	.50	1.33
07:00	16.6	17.0	17.6	18.1	.34	.91	1.50	.57	1.16
08:00	20.1	19.7	19.5	19.4	-.31	-.52	-.61	-.21	-.29
09:00	21.9	21.4	21.1	21.0	-.47	-.78	-.90	-.31	-.43
10:00	23.7	23.1	22.8	22.6	-.62	-.95	-1.07	-.33	-.45
11:00	25.4	24.6	24.3	24.2	-.79	-1.07	-1.19	-.29	-.41
12:00	26.5	25.8	25.6	25.4	-.71	-.99	-1.10	-.28	-.40
13:00	26.2	25.7	25.5	25.4	-.50	-.72	-.78	-.22	-.29
14:00	27.9	27.1	26.8	26.7	-.86	-1.14	-1.26	-.28	-.40
15:00	28.5	27.8	27.5	27.4	-.69	-1.01	-1.09	-.32	-.40
16:00	29.2	28.5	28.2	28.1	-.70	-.99	-1.12	-.29	-.42
17:00	29.2	28.6	28.3	28.1	-.59	-.87	-1.06	-.28	-.47
18:00	28.0	27.7	27.5	27.4	-.27	-.46	-.53	-.19	-.26
19:00	25.8	26.6	26.7	26.7	.82	.87	.95	.05	.13
20:00	22.9	25.3	25.8	25.9	2.37	2.85	3.02	.48	.64
21:00	20.7	22.5	24.0	25.0	1.82	3.33	4.33	1.52	2.52
22:00	19.2	21.3	22.0	23.0	2.02	2.75	3.76	.74	1.75
23:00	18.2	19.9	20.9	22.0	1.78	2.72	3.82	.94	2.04
Avg	21.7	22.2	22.5	22.8	.45	.72	1.07	.27	.62
Max	29.2	28.6	28.3	28.1	2.37	3.33	4.33	1.52	2.52
Hr. of Max	17	17	17	17	20	21	21	21	21
Min	15.2	16.2	16.7	17.5	-.86	-1.14	-1.26	-.33	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	15.2	15.4	15.8	23.9	90.3	84.7	12.9	13.0	0.011087
01:00	14.8	15.5	15.4	23.6	92.1	90.1	12.7	13.2	0.010855
02:00	14.8	15.7	15.2	23.3	93.4	92.5	12.6	13.3	0.010791
03:00	14.5	15.7	14.9	23.1	93.8	94.2	12.4	13.4	0.010603
04:00	14.3	15.7	14.7	22.9	94.2	95.0	12.3	13.4	0.010459
05:00	14.1	15.7	14.5	22.6	94.3	95.9	12.1	13.3	0.010349
06:00	14.1	15.5	14.5	22.4	94.7	97.2	12.1	13.2	0.010313
07:00	15.4	15.5	15.8	22.2	93.9	92.7	13.1	13.2	0.011224
08:00	16.7	16.1	17.8	22.0	82.9	81.1	14.1	13.6	0.012259
09:00	17.2	16.6	18.8	21.9	76.5	75.7	14.5	14.0	0.012671
10:00	17.7	17.0	19.7	21.9	70.5	70.3	14.8	14.3	0.013065
11:00	17.7	16.9	20.3	22.2	64.1	63.7	14.8	14.1	0.013112
12:00	17.3	16.5	20.4	22.8	58.5	57.8	14.4	13.7	0.012827
13:00	17.4	17.0	20.3	23.5	59.9	59.9	14.5	14.1	0.01289
14:00	16.6	15.8	20.4	24.0	51.6	51.6	13.7	13.1	0.012287
15:00	16.6	15.9	20.5	24.3	49.9	49.8	13.7	13.2	0.012278
16:00	15.2	14.4	19.8	24.6	43.8	43.4	12.5	11.9	0.011236
17:00	14.5	13.9	19.4	24.8	42.0	41.8	12.0	11.6	0.010761
18:00	15.4	14.8	19.6	25.0	47.9	46.6	12.8	12.3	0.011443
19:00	17.3	15.7	20.1	25.1	61.5	52.4	14.5	13.0	0.012868
20:00	17.7	15.9	19.4	25.1	74.1	57.6	14.9	13.3	0.013111
21:00	17.0	16.0	18.2	25.0	81.1	68.1	14.3	13.4	0.012548
22:00	16.2	16.0	17.2	24.8	84.0	73.5	13.7	13.4	0.011866
23:00	15.7	15.9	16.6	24.6	87.4	79.2	13.3	13.4	0.011537
Avg	16.0	15.8	17.9	23.6	74.3	71.5	13.4	13.3	0.011768
Max	17.7	17.0	20.5	25.1	94.7	97.2	14.9	14.3	0.013112
Hr. of Max	20	13	15	20	06	06	20	10	11
Min	14.1	13.9	14.5	21.9	42.0	41.8	12.0	11.6	0.010313
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	0.011262	17.3	17.5	.00	29.13	986.6	-.7	.00	275.6
01:00	0.011355	16.9	17.7	.00	29.14	986.9	-.7	.00	247.7
02:00	0.011456	16.8	17.9	.00	29.15	987.1	-1.6	.00	268.6
03:00	0.011467	16.5	17.9	.00	29.16	987.4	-1.8	.00	273.1
04:00	0.011487	16.3	17.9	.00	29.16	987.5	-2.2	.00	286.8
05:00	0.011447	16.2	17.8	.00	29.16	987.7	-1.2	.00	329.4
06:00	0.011303	16.1	17.6	.00	29.17	987.9	9.0	.01	262.6
07:00	0.011306	17.5	17.6	.00	29.17	988.0	123.0	.18	235.8
08:00	0.011762	19.1	18.3	.00	29.18	988.1	350.2	.50	210.4
09:00	0.012185	19.7	19.0	.00	29.18	988.1	558.1	.80	187.1
10:00	0.012541	20.3	19.5	.00	29.17	987.8	698.9	1.00	198.6
11:00	0.012433	20.4	19.4	.00	29.17	987.7	853.4	1.22	221.4
12:00	0.012159	19.9	18.9	.00	29.15	987.2	943.2	1.35	203.3
13:00	0.01252	20.0	19.5	.00	29.13	986.6	390.4	.56	240.6
14:00	0.011685	19.1	18.2	.00	29.12	986.2	909.1	1.30	238.4
15:00	0.011771	19.1	18.3	.00	29.11	985.7	782.1	1.12	225.6
16:00	0.010682	17.5	16.6	.00	29.09	985.1	503.0	.72	275.9
17:00	0.010351	16.7	16.1	.00	29.07	984.6	439.4	.63	287.6
18:00	0.010977	17.8	17.1	.00	29.06	984.0	253.8	.36	279.4
19:00	0.011561	19.9	18.0	.00	29.06	984.0	121.1	.17	275.5
20:00	0.011754	20.3	18.3	.00	29.06	984.0	22.2	.03	324.9
21:00	0.011767	19.5	18.3	.00	29.06	984.1	-3.3	.00	352.4
22:00	0.011755	18.4	18.3	.00	29.07	984.5	-3.0	.00	296.2
23:00	0.01168	17.9	18.2	.00	29.08	984.8	-1.1	.00	271.9
Avg	0.011611	18.3	18.1	.00	29.13	986.3	289.2	.41	260.0
Max	0.012541	20.4	19.5	.00	29.18	988.1	943.2	1.35	352.4
Hr. of Max	10	11	13	23	09	09	12	12	21
Min	0.010351	16.1	16.1	.00	29.06	984.0	-3.3	.00	187.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	231.4	223.2	270.6	225.5	18.2	21.2	12.7	.6	.9
01:00	247.3	212.9	249.0	215.0	27.9	10.0	11.0	1.4	1.9
02:00	239.9	218.8	269.0	221.1	12.9	9.1	6.3	.9	1.7
03:00	314.1	235.1	270.9	236.9	11.1	35.6	8.1	.4	.1
04:00	219.9	231.0	289.9	232.8	22.8	5.9	6.7	.6	1.9
05:00	315.5	216.3	274.1	218.0	39.9	45.2	17.7	.3	.0
06:00	245.2	218.0	256.5	219.0	25.3	23.3	12.9	.5	.3
07:00	236.1	194.9	240.5	195.8	25.2	13.2	7.8	.8	2.0
08:00	223.5	226.1	216.9	227.5	30.4	21.7	15.6	2.0	2.6
09:00	201.3	208.3	193.5	209.7	23.3	19.6	18.6	3.4	4.1
10:00	207.6	212.4	205.6	213.8	34.4	29.3	25.4	4.2	5.1
11:00	228.1	232.8	227.9	233.8	39.1	31.7	26.7	2.9	3.4
12:00	219.0	223.6	208.8	224.8	45.5	31.7	26.6	2.3	3.0
13:00	246.2	246.9	246.2	248.5	24.2	21.8	15.4	3.6	4.9
14:00	244.7	246.1	243.5	246.8	37.5	29.2	27.5	3.8	5.1
15:00	237.5	244.2	231.9	244.5	52.9	48.7	30.5	3.0	3.7
16:00	284.7	288.3	277.8	286.1	37.2	30.5	28.1	3.8	5.2
17:00	296.0	297.9	287.7	295.9	37.3	31.4	28.2	3.5	4.7
18:00	288.9	295.8	281.5	293.3	28.9	21.0	16.5	2.7	4.3
19:00	290.5	299.1	279.7	296.3	24.8	19.7	13.8	2.1	3.4
20:00	341.5	342.3	323.7	337.6	21.6	19.8	15.8	1.4	2.0
21:00	24.4	4.8	348.7	358.3	59.6	27.4	16.7	.7	1.7
22:00	155.6	56.8	293.9	40.5	32.1	36.1	43.8	.6	.0
23:00	262.2	222.1	269.7	223.6	31.4	41.2	37.8	.6	.2
Avg	252.0	242.0	260.0	244.0	31.0	26.0	19.6	.0	.0
Max	341.5	342.3	348.7	358.3	59.6	48.7	43.8	4.2	5.2
Hr. of Max	20	20	21	21	21	15	22	10	16
Min	24.4	4.8	193.5	40.5	11.1	5.9	6.3	.3	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	1.2	.7	1.0	1.3	1.1	1.7	.8	2.0	.00
01:00	2.8	1.6	2.0	3.0	2.0	3.3	.8	.6	.02
02:00	3.2	.9	1.8	3.2	1.3	3.6	.1	1.3	.00
03:00	2.9	.5	.3	3.0	.8	3.3	1.1	1.3	.02
04:00	2.8	.7	2.0	2.9	.9	3.2	.7	1.1	.00
05:00	1.4	.5	.6	1.5	.9	1.8	.7	.5	.01
06:00	1.7	.7	.4	1.7	1.2	2.1	2.0	1.0	.04
07:00	3.2	.9	2.1	3.3	1.4	3.5	3.2	1.3	.04
08:00	3.2	2.2	2.8	3.4	2.7	3.8	.7	.2	-.03
09:00	4.6	3.9	4.5	4.9	4.4	5.4	1.1	-.5	.01
10:00	5.6	4.9	5.6	6.0	5.5	6.5	-1.9	-2.6	-.28
11:00	3.8	3.8	4.2	4.6	4.4	5.3	-2.2	-4.3	-.21
12:00	3.6	3.3	3.6	4.1	4.0	4.8	-4.1	-9.6	-.32
13:00	5.8	3.9	5.2	6.0	4.5	6.5	-1.3	-2.1	-.25
14:00	5.6	4.7	5.9	6.4	5.2	7.0	-.2	-.4	-.16
15:00	4.3	4.0	4.6	5.0	4.5	5.6	-1.1	.8	-.17
16:00	6.1	4.8	6.2	7.1	5.4	7.6	-3.7	-4.3	-.57
17:00	5.7	4.2	5.3	6.2	4.7	6.6	-1.5	.7	-.37
18:00	5.9	3.0	4.6	6.2	3.4	6.3	-1.2	-3.5	-.28
19:00	5.0	2.2	3.6	5.2	2.6	5.2	-2.0	-3.8	-.17
20:00	3.5	1.6	2.3	3.8	1.8	4.0	-.7	-1.4	-.04
21:00	3.1	.9	1.9	3.2	1.1	3.5	2.4	2.8	.06
22:00	.4	.6	.6	.8	.9	1.1	.1	-.5	.00
23:00	1.1	.7	.6	1.2	1.1	1.6	.2	.6	.01
Avg	.0	2.3	3.0	3.9	2.7	4.3	-.3	-.8	-.11
Max	6.1	4.9	6.2	7.1	5.5	7.6	3.2	2.8	.06
Hr. of Max	16	10	16	16	10	16	07	21	21
Min	.4	.5	.3	.8	.8	1.1	-4.1	-9.6	-.57
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2015

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	.05	2.5	2.3	3.2	2.7	2.6	6.5	4.6
01:00	.04	3.9	3.7	4.8	4.5	5.3	6.7	4.0
02:00	.08	3.4	4.1	7.6	2.8	4.8	6.1	2.4
03:00	.07	1.8	1.8	6.4	2.2	5.6	5.1	4.3
04:00	.06	3.2	3.0	6.0	2.5	5.0	7.0	2.3
05:00	.02	2.1	3.7	5.7	2.4	3.5	5.3	5.5
06:00	.04	2.3	2.1	3.9	2.7	4.3	5.9	6.9
07:00	.07	3.0	3.4	7.1	3.4	5.6	12.1	3.8
08:00	-.02	8.0	8.0	7.1	7.8	7.9	21.4	11.4
09:00	-.12	9.8	9.4	11.2	9.1	10.0	17.9	16.0
10:00	-.31	9.8	10.8	10.8	12.3	11.6	16.1	14.1
11:00	-.37	10.1	9.8	10.5	9.7	11.5	20.7	23.8
12:00	-.75	8.7	10.3	10.8	11.1	11.5	23.5	24.9
13:00	-.35	10.8	11.0	10.1	9.6	10.8	17.9	13.3
14:00	-.19	13.3	14.7	15.8	13.4	19.2	19.3	16.7
15:00	.03	11.7	12.4	12.8	13.6	14.6	21.9	23.2
16:00	-.84	12.8	13.7	16.7	13.6	15.4	20.8	16.6
17:00	-.34	10.8	13.1	16.7	11.7	16.1	21.9	19.6
18:00	-.62	13.5	22.7	14.7	11.1	14.3	21.0	13.5
19:00	-.44	6.0	7.6	9.8	6.4	10.0	16.1	11.0
20:00	-.13	4.1	5.0	9.2	4.8	9.6	9.6	8.0
21:00	.17	4.4	4.1	7.6	2.7	6.0	8.0	5.8
22:00	-.01	2.1	2.3	2.1	2.1	2.6	8.0	9.5
23:00	.02	2.1	2.3	3.0	2.5	3.2	9.1	12.0
Avg	-.16	6.7	7.6	8.9	6.9	8.8	13.7	11.4
Max	.17	13.5	22.7	16.7	13.6	19.2	23.5	24.9
Hr. of Max	21	18	18	17	16	14	12	12
Min	-.84	1.8	1.8	2.1	2.1	2.6	5.1	2.3
Count	24	24	24	24	24	24	24	24
Total								