Date Printed: 06/05/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	15.9	16.4	16.5	16.7	.51	.63	.78	.11	.27
01:00	15.9	16.0	16.1	16.2	.12	.18	.34	.05	.22
02:00	15.4	15.4	15.5	15.9	-.02	.07	.50	.09	.52
03:00	14.7	15.2	15.5	16.0	.51	.86	1.31	.35	.80
04:00	14.1	14.9	15.3	15.9	.83	1.21	1.82	.38	.99
05:00	13.8	15.0	15.1	15.4	1.21	1.32	1.62	.11	.41
06:00	14.3	14.9	15.0	15.1	.62	.67	.79	.05	.18
07:00	15.4	15.3	15.2	15.3	-.08	-.16	-.11	-.08	-.02
08:00	16.4	16.2	16.0	16.1	-.24	-.39	-.35	-.16	-.11
09:00	18.6	18.2	17.4	17.7	-.41	-1.25	-.96	-.85	-.55
10:00	21.3	20.7	19.0	20.0	-.64	-2.31	-1.26	-1.67	-.61
11:00	22.9	22.2	21.9	21.7	-.79	-1.07	-1.24	-.28	-.45
12:00	23.8	23.2	22.9	22.8	-.60	-.90	-1.01	-.30	-.41
13:00	25.0	24.4	24.1	24.0	-.68	-.91	-.99	-.23	-.32
14:00	26.4	25.4	25.1	25.0	-.97	-1.28	-1.41	-.31	-.43
15:00	26.9	26.3	26.0	25.8	-.55	-.88	-1.06	-.33	-.51
16:00	27.5	26.9	26.6	26.5	-.61	-.90	-1.04	-.30	-.44
17:00	27.8	27.2	26.9	26.7	-.61	-.91	-1.09	-.30	-.48
18:00	27.0	26.8	26.7	26.7	-.18	-.32	-.36	-.14	-.18
19:00	25.1	26.3	26.4	26.5	1.26	1.33	1.46	.07	.20
20:00	21.8	24.2	25.0	25.6	2.36	3.23	3.83	.86	1.46
21:00	19.6	21.9	22.9	23.9	2.33	3.34	4.29	1.01	1.96
22:00	18.4	20.2	21.3	22.1	1.80	2.89	3.70	1.08	1.90
23:00	17.7	19.5	20.1	20.9	1.74	2.40	3.11	.65	1.36
Avg	20.2	20.5	20.5	20.8	.29	.29	.53	-.01	.24
Max	27.8	27.2	26.9	26.7	2.36	3.34	4.29	1.08	1.96
Hr. of Max	17	17	17	18	20	21	21	22	21
Min	13.8	14.9	15.0	15.1	-.97	-2.31	-1.41	-1.67	-.61
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	15.0	15.7	15.3	23.1	96.0	97.1	12.8	13.3	0.010959
01:00	15.1	15.5	15.4	22.8	96.6	98.4	12.9	13.2	0.011033
02:00	14.6	14.9	14.9	22.6	96.6	98.5	12.5	12.8	0.010712
03:00	13.9	14.7	14.1	22.4	96.4	98.5	12.0	12.6	0.010186
04:00	13.3	14.4	13.6	22.2	96.2	98.5	11.5	12.4	0.009791
05:00	12.9	14.5	13.2	22.0	96.1	98.5	11.3	12.4	0.009561
06:00	13.5	14.4	13.8	21.8	96.5	98.5	11.7	12.4	0.009932
07:00	14.7	14.8	14.9	21.6	97.1	98.6	12.6	12.7	0.010713
08:00	15.4	15.7	15.8	21.4	95.6	98.5	13.2	13.4	0.011274
09:00	15.7	15.1	16.7	21.3	84.8	84.0	13.3	12.8	0.011457
10:00	15.0	13.9	17.1	21.4	68.8	66.6	12.6	11.8	0.010993
11:00	15.5	14.4	18.0	21.7	64.1	62.9	12.9	12.1	0.011344
12:00	15.7	14.9	18.4	22.3	62.0	61.1	13.1	12.5	0.011554
13:00	15.5	14.6	18.7	22.9	56.8	55.8	12.9	12.2	0.011391
14:00	15.4	14.4	19.1	23.5	52.2	51.7	12.8	12.0	0.01135
15:00	13.4	12.5	17.9	23.8	44.6	43.4	11.3	10.6	0.010013
16:00	13.9	12.7	18.4	24.0	44.2	42.6	11.6	10.8	0.010297
17:00	13.6	12.8	18.4	24.2	42.8	41.9	11.4	10.8	0.010143
18:00	13.9	12.5	18.3	24.5	45.9	42.2	11.6	10.6	0.010334
19:00	15.6	12.8	18.7	24.6	57.2	44.2	13.0	10.8	0.011467
20:00	16.5	13.8	18.2	24.6	73.2	53.5	13.8	11.6	0.012097
21:00	15.6	14.1	16.9	24.5	79.3	62.5	13.2	11.9	0.011436
22:00	15.4	14.8	16.4	24.3	84.3	72.6	13.1	12.5	0.011292
23:00	15.3	15.3	16.1	24.1	87.0	78.1	13.0	12.9	0.011161
Avg	14.8	14.3	16.6	23.0	75.6	72.8	12.5	12.1	0.010854
Max	16.5	15.7	19.1	24.6	97.1	98.6	13.8	13.4	0.012097
Hr. of Max	20	08	14	20	07	07	20	08	20
Min	12.9	12.5	13.2	21.3	42.8	41.9	11.3	10.6	0.009561
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	0.011455	17.1	17.8	.00	29.11	985.8	-2.9	.00	19.2
01:00	0.011325	17.2	17.6	.00	29.10	985.6	-3.6	-.01	221.3
02:00	0.010911	16.7	17.0	.00	29.11	985.7	-3.3	.00	250.4
03:00	0.010754	15.9	16.8	.00	29.11	985.7	-3.4	.00	318.6
04:00	0.01058	15.3	16.5	.00	29.11	985.8	-1.3	.00	67.9
05:00	0.010599	14.9	16.5	.00	29.12	986.3	-3.2	.00	15.7
06:00	0.010543	15.5	16.4	.00	29.14	986.9	6.7	.01	62.4
07:00	0.010809	16.7	16.9	.00	29.16	987.6	95.8	.14	43.1
08:00	0.01144	17.6	17.8	.00	29.18	988.1	237.7	.34	70.2
09:00	0.011051	17.9	17.3	.00	29.18	988.3	552.5	.79	111.4
10:00	0.010233	17.2	16.0	.00	29.18	988.1	760.5	1.09	150.1
11:00	0.010596	17.7	16.5	.00	29.17	987.9	890.0	1.28	154.4
12:00	0.010959	18.0	17.1	.00	29.16	987.5	738.5	1.06	197.5
13:00	0.010755	17.8	16.8	.00	29.15	987.2	737.6	1.06	197.3
14:00	0.010616	17.7	16.6	.00	29.14	986.8	1019.8	1.46	226.0
15:00	0.00941	15.6	14.7	.00	29.12	986.3	920.2	1.32	105.5
16:00	0.00956	16.1	14.9	.00	29.12	986.0	470.5	.67	240.0
17:00	0.009566	15.8	14.9	.00	29.11	986.0	482.4	.69	267.0
18:00	0.009418	16.1	14.7	.00	29.11	985.9	234.0	.34	266.2
19:00	0.009597	17.8	15.0	.00	29.11	985.7	203.6	.29	277.5
20:00	0.010182	18.8	15.9	.00	29.10	985.6	17.9	.03	276.2
21:00	0.010399	17.8	16.2	.00	29.11	985.8	-2.2	.00	274.2
22:00	0.010878	17.6	17.0	.00	29.13	986.4	-1.3	.00	257.1
23:00	0.011168	17.4	17.4	.00	29.13	986.6	-.5	.00	309.5
Avg	0.010534	16.9	16.4	.00	29.13	986.6	306.1	.44	252.0
Max	0.011455	18.8	17.8	.00	29.18	988.3	1019.8	1.46	318.6
Hr. of Max	00	20	08	23	10	09	14	14	03
Min	0.00941	14.9	14.7	.00	29.10	985.6	-3.6	-.01	15.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	47.7	66.7	16.3	62.1	44.4	28.2	12.0	1.3	1.9
01:00	302.3	316.2	243.4	316.6	52.3	41.4	34.2	1.5	1.4
02:00	231.9	312.8	246.0	305.5	33.2	59.5	58.1	.8	.8
03:00	110.2	128.1	320.1	85.1	44.2	54.0	51.8	.9	.3
04:00	126.2	57.7	45.3	56.4	45.8	38.8	51.6	.2	.6
05:00	55.4	70.4	359.0	65.4	40.8	22.3	10.6	.6	1.2
06:00	58.1	58.9	66.8	54.3	21.0	10.0	7.8	.8	2.1
07:00	51.9	71.8	27.6	65.6	60.0	24.5	16.1	.5	1.2
08:00	60.8	59.5	68.3	54.8	37.2	34.4	38.1	1.3	1.3
09:00	115.7	110.1	114.5	103.9	43.8	42.9	44.7	1.1	.9
10:00	146.8	136.4	152.5	133.1	54.6	50.6	52.5	1.1	1.0
11:00	112.0	94.9	165.5	93.4	60.3	54.0	56.9	.6	.4
12:00	202.6	206.4	204.1	210.1	55.2	51.5	50.3	1.6	1.8
13:00	204.1	210.7	200.5	213.7	50.8	43.3	47.9	1.4	1.8
14:00	253.9	249.7	223.9	253.3	68.8	56.0	48.5	1.0	1.2
15:00	110.8	76.1	110.5	69.5	53.1	65.1	60.6	1.3	1.1
16:00	252.3	258.5	230.4	256.3	52.5	46.0	43.5	1.3	1.6
17:00	272.9	273.0	271.6	272.7	34.7	28.1	24.2	3.0	3.9
18:00	267.4	267.1	269.7	267.5	27.3	21.2	17.6	2.6	3.8
19:00	275.6	279.6	279.0	278.8	12.6	9.4	8.0	2.0	3.3
20:00	254.9	262.8	276.5	263.9	17.7	14.1	10.3	.9	1.7
21:00	241.1	241.5	274.5	243.0	19.8	13.4	12.6	1.0	1.6
22:00	236.9	235.2	262.6	236.7	14.1	16.6	8.3	1.0	1.5
23:00	253.9	153.5	308.0	209.8	35.3	44.7	24.2	.6	.2
Avg	204.0	172.0	262.0	252.0	40.8	36.3	32.9	.0	.0
Max	302.3	316.2	359.0	316.6	68.8	65.1	60.6	3.0	3.9
Hr. of Max	01	01	05	01	14	15	15	17	17
Min	47.7	57.7	16.3	54.3	12.6	9.4	7.8	.2	.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	2.5	1.4	2.1	2.6	1.8	2.9	-2.5	.0	-.15
01:00	1.5	1.9	2.9	3.5	2.4	3.8	.4	1.4	-.02
02:00	.9	1.0	1.1	1.4	1.4	1.7	-.6	2.4	-.01
03:00	.8	1.8	1.7	1.4	2.1	1.8	-2.5	1.2	-.12
04:00	1.0	1.4	1.9	2.2	1.8	2.5	.6	2.8	.01
05:00	1.9	.9	1.3	2.0	1.2	2.3	2.0	.5	.03
06:00	3.0	.9	2.3	3.1	1.2	3.4	1.8	-1.0	-.01
07:00	1.6	.6	1.3	1.7	1.1	2.0	-2.6	.7	-.08
08:00	1.3	1.5	1.5	1.4	1.8	1.9	-8.7	-1.7	-.29
09:00	.7	1.3	1.2	1.0	1.9	1.6	-5.7	-13.3	-.09
10:00	.9	2.3	2.1	1.9	2.9	2.6	-1.7	-10.2	-.03
11:00	.7	2.2	2.3	2.1	2.9	2.8	-7.6	-4.4	-.47
12:00	1.7	2.4	2.6	2.6	3.1	3.3	-5.6	-15.6	-.26
13:00	1.7	2.9	3.1	3.0	3.5	3.7	1.1	2.5	.10
14:00	1.2	2.6	2.5	2.5	3.2	3.3	6.1	6.5	.31
15:00	1.4	2.2	2.4	2.5	2.9	3.2	-8.5	-9.6	-.32
16:00	2.1	3.3	3.3	3.4	3.9	4.1	-2.6	-.6	-.21
17:00	4.4	3.5	4.3	4.8	3.9	5.3	-1.9	-5.3	-.28
18:00	4.7	3.0	4.1	5.0	3.3	5.3	-1.2	-2.4	-.16
19:00	4.2	2.0	3.4	4.2	2.3	4.3	-2.0	.4	-.12
20:00	3.5	1.0	1.8	3.5	1.3	3.7	-.6	2.9	-.02
21:00	2.6	1.0	1.6	2.8	1.3	3.1	.2	2.1	.00
22:00	3.3	1.1	1.6	3.4	1.5	3.7	1.1	1.8	.03
23:00	.5	.9	.5	.7	1.1	1.0	2.0	-.2	.03
Avg	.0	1.8	2.2	2.6	2.2	3.1	-1.6	-1.6	-.09
Max	4.7	3.5	4.3	5.0	3.9	5.3	6.1	6.5	.31
Hr. of Max	18	17	17	18	17	18	14	14	14
Min	.5	.6	.5	.7	1.1	1.0	-8.7	-15.6	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/4/2015

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	4.1	4.1	3.9	4.7	4.3	15.1	6.1
01:00	.07	6.4	6.9	7.3	7.2	7.7	11.4	7.0
02:00	.04	3.4	3.4	8.0	4.0	4.9	10.6	10.3
03:00	.03	3.4	5.7	4.8	3.9	5.2	7.4	11.5
04:00	.10	4.8	5.0	6.4	4.7	5.4	12.2	9.2
05:00	.02	2.7	3.4	6.0	3.2	3.8	9.6	5.7
06:00	-.08	3.7	4.8	5.7	4.2	6.0	12.3	4.5
07:00	.01	2.7	3.4	4.1	3.1	4.3	20.7	14.7
08:00	-.09	4.8	4.1	3.9	5.2	5.3	20.7	23.7
09:00	-.37	5.0	4.4	3.9	5.7	5.5	31.4	33.5
10:00	-.49	7.3	7.3	7.3	7.0	7.6	27.5	35.9
11:00	-.43	8.9	10.5	7.6	7.9	7.9	28.1	34.0
12:00	-.93	6.6	7.1	7.1	8.7	8.0	24.8	27.3
13:00	.20	8.2	8.0	7.6	10.6	9.0	24.0	30.7
14:00	.37	7.1	7.8	6.9	7.7	8.2	24.5	30.8
15:00	-.50	8.0	7.8	7.8	8.9	9.4	28.8	32.3
16:00	-.17	8.0	9.2	8.7	9.8	9.8	22.1	30.4
17:00	-.54	9.4	9.4	10.8	10.5	9.8	20.9	16.7
18:00	-.28	7.6	9.4	10.8	8.3	12.0	14.6	11.1
19:00	-.01	5.5	6.9	8.9	7.6	7.5	10.6	5.4
20:00	.18	2.7	3.9	5.7	2.7	6.0	6.7	4.0
21:00	.11	2.7	3.0	5.3	3.1	5.5	6.5	4.2
22:00	.16	3.2	3.7	7.8	3.7	6.0	5.3	3.9
23:00	-.01	2.5	3.0	5.0	3.1	3.3	8.5	6.8
Avg	-.11	5.4	5.9	6.7	6.1	6.8	16.8	16.7
Max	.37	9.4	10.5	10.8	10.6	12.0	31.4	35.9
Hr. of Max	14	17	11	18	13	18	09	10
Min	-.93	2.5	3.0	3.9	2.7	3.3	5.3	3.9
Count	24	24	24	24	24	24	24	24
Total								