Date Printed: 06/23/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	20.5	21.0	21.6	21.9	.54	1.09	1.36	.54	.82
01:00	20.0	20.3	20.9	21.3	.34	.90	1.35	.56	1.01
02:00	19.6	20.0	20.4	20.7	.43	.83	1.14	.40	.71
03:00	19.4	19.9	20.3	20.8	.46	.92	1.41	.46	.95
04:00	19.3	19.9	20.0	20.2	.53	.70	.87	.17	.34
05:00	18.9	19.4	19.7	20.1	.47	.79	1.16	.31	.69
06:00	18.8	19.1	19.4	20.0	.32	.61	1.23	.30	.91
07:00	19.8	19.8	20.0	20.2	-.02	.21	.33	.23	.35
08:00	21.6	21.3	21.1	21.1	-.22	-.43	-.50	-.21	-.28
09:00	24.1	23.7	23.4	23.3	-.41	-.71	-.87	-.30	-.45
10:00	26.3	25.7	25.4	25.3	-.58	-.89	-.99	-.30	-.41
11:00	28.3	27.6	27.2	27.0	-.71	-1.11	-1.27	-.40	-.56
12:00	29.9	29.1	28.8	28.6	-.80	-1.13	-1.29	-.34	-.49
13:00	30.9	30.0	29.7	29.7	-.89	-1.16	-1.21	-.28	-.32
14:00	31.9	30.9	30.6	30.5	-1.00	-1.33	-1.45	-.33	-.45
15:00	32.5	31.6	31.3	31.2	-.86	-1.20	-1.32	-.34	-.46
16:00	32.8	32.1	31.8	31.7	-.75	-1.06	-1.16	-.31	-.41
17:00	32.6	32.2	31.9	31.8	-.45	-.74	-.88	-.29	-.44
18:00	31.6	31.4	31.5	31.5	-.16	-.12	-.08	.03	.08
19:00	29.2	30.4	30.9	31.2	1.23	1.73	1.99	.50	.76
20:00	27.0	28.5	29.1	29.8	1.52	2.18	2.87	.65	1.35
21:00	25.2	26.8	27.5	27.9	1.65	2.35	2.71	.70	1.06
22:00	24.1	25.3	26.3	26.9	1.23	2.18	2.84	.94	1.60
23:00	23.5	24.3	25.0	25.9	.78	1.49	2.39	.71	1.61
Avg	25.3	25.4	25.6	25.8	.11	.25	.44	.14	.33
Max	32.8	32.2	31.9	31.8	1.65	2.35	2.87	.94	1.61
Hr. of Max	16	17	17	17	21	21	20	22	23
Min	18.8	19.1	19.4	20.0	-1.00	-1.33	-1.45	-.40	-.56
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	19.2	19.2	19.7	27.6	94.5	91.3	16.5	16.4	0.014385
01:00	18.8	19.1	19.2	27.3	94.8	94.6	16.0	16.3	0.013954
02:00	18.4	18.9	18.8	26.9	95.2	95.3	15.7	16.2	0.013674
03:00	18.3	18.9	18.7	26.6	95.4	96.3	15.6	16.2	0.013556
04:00	18.2	18.9	18.6	26.3	95.4	96.5	15.6	16.2	0.013504
05:00	17.9	18.6	18.2	26.1	95.5	97.0	15.2	15.9	0.013178
06:00	17.8	18.3	18.1	25.8	95.5	97.3	15.1	15.7	0.013076
07:00	18.6	18.6	19.0	25.5	94.6	94.6	15.9	15.8	0.013775
08:00	19.4	19.0	20.1	25.3	89.7	88.4	16.6	16.2	0.014526
09:00	19.6	19.0	21.1	25.2	78.1	76.7	16.8	16.1	0.014776
10:00	20.5	19.7	22.4	25.2	72.6	71.4	17.6	16.8	0.015657
11:00	21.4	20.7	23.7	25.6	68.4	68.0	18.5	17.7	0.016615
12:00	20.3	19.6	23.5	26.2	58.3	58.4	17.2	16.5	0.015523
13:00	20.3	19.8	23.8	27.1	55.0	56.0	17.1	16.7	0.0155
14:00	20.4	20.0	24.3	27.9	52.3	54.0	17.2	16.9	0.015649
15:00	20.2	19.8	24.3	28.3	50.0	51.2	17.0	16.6	0.015414
16:00	18.9	18.3	23.5	28.5	45.3	45.5	15.7	15.1	0.014249
17:00	18.7	18.0	23.4	28.8	45.2	44.3	15.5	14.8	0.014111
18:00	20.5	19.2	24.2	29.0	53.6	49.9	17.3	16.0	0.015733
19:00	21.2	19.6	23.8	29.1	63.9	54.1	18.1	16.4	0.016364
20:00	21.7	20.9	23.5	29.1	75.2	65.6	18.8	17.9	0.016885
21:00	21.3	21.0	22.6	29.0	81.0	72.3	18.4	18.0	0.016414
22:00	21.0	21.3	22.1	28.7	85.4	80.5	18.2	18.4	0.016167
23:00	21.0	22.0	21.9	28.5	88.2	89.3	18.3	19.3	0.016141
Avg	19.7	19.5	21.6	27.2	76.0	74.5	16.8	16.6	0.014951
Max	21.7	22.0	24.3	29.1	95.5	97.3	18.8	19.3	0.016885
Hr. of Max	20	23	15	20	06	06	20	23	20
Min	17.8	18.0	18.1	25.2	45.2	44.3	15.1	14.8	0.013076
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	0.014361	22.3	22.3	.00	29.19	988.6	-2.5	.00	257.1
01:00	0.014225	21.7	22.1	.00	29.20	988.9	-2.2	.00	300.2
02:00	0.014061	21.3	21.9	.00	29.19	988.6	-2.2	.00	265.6
03:00	0.014085	21.1	21.9	.00	29.18	988.3	-1.0	.00	276.8
04:00	0.014115	21.0	21.9	.00	29.18	988.3	-1.8	.00	345.2
05:00	0.013787	20.5	21.4	.00	29.19	988.6	-3.3	.00	259.3
06:00	0.013583	20.4	21.1	.00	29.21	989.3	8.7	.01	239.3
07:00	0.013762	21.4	21.4	.00	29.23	989.9	94.6	.14	230.5
08:00	0.014125	22.6	22.0	.00	29.24	990.3	285.1	.41	209.3
09:00	0.014162	23.0	22.0	.00	29.24	990.3	525.2	.75	204.8
10:00	0.014883	24.3	23.1	.00	29.22	989.5	700.0	1.00	170.6
11:00	0.015851	25.7	24.6	.00	29.20	988.9	895.2	1.28	196.0
12:00	0.014858	24.1	23.1	.00	29.19	988.7	991.6	1.42	214.5
13:00	0.015018	24.1	23.3	.00	29.21	989.3	932.7	1.34	219.2
14:00	0.015245	24.3	23.7	.00	29.22	989.6	966.5	1.39	243.1
15:00	0.015043	23.9	23.3	.00	29.20	988.8	838.4	1.20	252.1
16:00	0.013725	22.1	21.3	.00	29.17	987.8	564.4	.81	255.2
17:00	0.013463	21.9	20.9	.00	29.14	986.9	454.9	.65	226.3
18:00	0.014542	24.3	22.5	.00	29.14	986.7	333.4	.48	272.1
19:00	0.014869	25.3	23.0	.00	29.15	987.1	161.9	.23	310.2
20:00	0.016102	26.1	24.9	.00	29.16	987.4	28.7	.04	291.2
21:00	0.01614	25.4	25.0	.00	29.16	987.3	-1.6	.00	321.5
22:00	0.016399	25.0	25.4	.00	29.17	987.7	-2.4	.00	258.8
23:00	0.017117	25.0	26.5	.00	29.17	988.0	-1.7	.00	245.3
Avg	0.01473	23.2	22.9	.00	29.19	988.5	323.4	.46	251.0
Max	0.017117	26.1	26.5	.00	29.24	990.3	991.6	1.42	345.2
Hr. of Max	23	20	23	23	09	09	12	12	04
Min	0.013463	20.4	20.9	.00	29.14	986.7	-3.3	.00	170.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	5.1	8.2	257.0	3.2	48.8	43.8	21.3	.9	1.9
01:00	60.9	50.7	285.3	44.0	60.3	56.4	44.2	.7	.3
02:00	191.1	113.4	265.7	110.1	48.2	38.5	52.8	.8	.4
03:00	306.0	6.4	263.2	359.0	47.2	66.4	54.7	.8	1.2
04:00	95.8	94.4	312.9	90.6	52.7	44.6	22.0	.2	1.1
05:00	297.8	316.2	261.3	325.5	34.4	34.6	54.4	1.3	1.1
06:00	259.9	313.1	243.5	310.9	23.1	41.3	43.0	1.0	.5
07:00	226.1	233.6	235.3	235.6	24.3	16.6	14.7	1.5	2.1
08:00	216.7	223.6	213.6	224.8	24.7	16.4	14.7	1.8	2.1
09:00	205.2	199.0	211.6	200.6	23.0	23.6	19.4	1.9	2.0
10:00	180.9	179.6	176.1	178.8	40.9	31.6	25.6	2.4	3.0
11:00	199.8	201.5	200.0	201.8	48.8	41.0	38.5	2.3	2.7
12:00	218.8	225.0	223.1	226.8	54.5	46.9	42.3	2.0	2.5
13:00	229.5	232.7	225.0	234.1	35.5	34.9	28.5	3.7	4.5
14:00	258.6	267.6	247.7	267.5	52.5	58.8	44.6	3.0	3.6
15:00	264.2	265.5	255.1	265.2	41.3	34.6	29.7	3.3	4.2
16:00	268.2	271.5	260.6	271.5	33.1	31.2	30.0	2.8	3.4
17:00	237.1	235.4	229.3	236.4	33.1	26.6	23.2	2.0	2.4
18:00	261.4	256.8	272.4	257.8	22.5	15.2	10.3	1.5	2.8
19:00	301.8	297.0	309.3	294.5	8.6	6.6	5.8	2.1	3.9
20:00	226.5	85.4	290.6	84.4	22.7	43.9	35.3	1.0	.9
21:00	44.3	82.0	324.2	78.7	33.4	36.5	30.8	.8	.5
22:00	254.3	142.9	259.1	234.6	30.1	42.6	41.2	1.7	1.5
23:00	231.0	240.1	247.4	241.7	27.3	19.4	13.2	1.6	3.0
Avg	243.0	240.0	252.0	250.0	36.3	35.5	30.8	.0	.0
Max	306.0	316.2	324.2	359.0	60.3	66.4	54.7	3.7	4.5
Hr. of Max	03	05	21	03	01	03	03	13	13
Min	5.1	6.4	176.1	3.2	8.6	6.6	5.8	.2	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	3.7	1.2	2.1	3.9	1.6	4.2	3.0	4.0	.05
01:00	.8	.9	.8	1.1	1.3	1.5	2.0	1.1	.01
02:00	.7	1.2	.9	.9	1.6	1.3	.8	-.1	.02
03:00	1.0	1.3	1.7	1.5	1.7	1.9	.2	5.1	.00
04:00	2.1	.9	1.3	2.3	1.2	2.6	2.7	1.3	.07
05:00	.9	1.6	1.8	1.2	2.0	1.4	.8	.6	-.01
06:00	1.2	1.1	.9	1.6	1.6	1.8	.0	.6	-.01
07:00	2.4	1.8	2.3	2.5	2.2	2.8	-.3	.7	-.01
08:00	2.2	1.9	2.2	2.3	2.3	2.7	.7	-2.1	-.01
09:00	2.2	2.0	2.2	2.4	2.6	2.8	.9	-8.1	.04
10:00	3.2	2.9	3.3	3.5	3.4	3.9	2.0	1.1	.04
11:00	3.1	3.2	3.6	3.8	3.8	4.4	2.8	3.3	.16
12:00	2.9	3.0	3.4	3.8	3.6	4.5	.7	.4	-.08
13:00	5.1	4.5	5.3	5.7	5.1	6.3	-.3	-4.5	-.19
14:00	4.3	3.8	4.5	5.2	4.4	5.8	1.2	-2.6	-.18
15:00	4.9	3.9	4.9	5.6	4.6	6.1	-3.6	-4.3	-.43
16:00	3.9	3.4	4.0	4.4	3.9	4.9	-3.4	-4.6	-.30
17:00	2.8	2.5	2.8	3.0	3.0	3.5	3.9	9.0	.15
18:00	4.0	1.6	2.9	4.1	1.9	4.4	3.6	.2	.03
19:00	4.8	2.1	4.1	5.1	2.3	5.2	.4	.6	.00
20:00	1.1	1.3	1.6	2.9	1.6	3.2	.0	.6	.00
21:00	.9	1.2	1.1	1.3	1.5	1.6	-.3	-1.3	-.01
22:00	1.2	1.8	1.9	1.6	2.2	2.0	.8	.8	.01
23:00	4.1	1.7	3.2	4.3	2.2	4.6	.3	2.3	-.03
Avg	.0	2.1	2.6	3.1	2.6	3.5	.8	.2	-.03
Max	5.1	4.5	5.3	5.7	5.1	6.3	3.9	9.0	.16
Hr. of Max	13	13	13	13	13	13	17	17	11
Min	.7	.9	.8	.9	1.2	1.3	-3.6	-8.1	-.43
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/22/2015

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	.30	4.1	7.6	8.5	4.0	8.8	17.0	8.2
01:00	.02	6.0	3.2	2.7	4.1	3.0	10.4	10.9
02:00	.02	3.2	3.4	3.4	3.8	3.4	7.4	12.3
03:00	.15	3.4	6.2	5.5	3.8	6.1	12.2	13.2
04:00	.06	3.9	4.8	4.8	4.8	5.4	12.2	8.3
05:00	.04	3.7	4.8	4.6	4.0	5.4	7.8	8.3
06:00	.03	3.7	3.0	5.0	3.6	5.5	7.4	9.7
07:00	.02	5.3	3.9	4.1	4.4	4.3	12.0	7.5
08:00	-.08	6.2	5.5	5.5	4.4	4.8	19.7	12.0
09:00	-.29	5.3	5.7	5.3	8.4	7.2	22.8	21.9
10:00	-.02	7.6	9.8	9.8	8.6	7.8	19.4	22.1
11:00	.28	10.5	9.6	10.3	8.1	10.1	24.5	26.0
12:00	-.08	8.7	11.7	10.8	11.4	11.3	26.1	26.7
13:00	-.45	12.1	13.3	12.6	14.9	14.1	19.7	17.5
14:00	-.39	14.7	15.1	15.8	16.3	16.7	25.9	22.4
15:00	-.62	10.3	16.5	15.3	11.4	13.3	21.0	17.3
16:00	-.55	9.4	11.0	11.9	10.7	12.5	21.2	20.2
17:00	.37	6.0	7.1	6.9	7.2	7.6	22.3	20.5
18:00	-.03	5.5	6.4	7.6	6.3	8.2	18.1	8.2
19:00	.06	3.9	6.2	8.5	4.3	7.8	7.7	3.8
20:00	.06	4.6	9.2	13.1	3.7	7.8	7.9	8.9
21:00	-.05	5.0	4.4	3.4	3.4	3.0	8.1	9.0
22:00	.05	6.2	9.6	9.6	6.9	10.2	5.2	5.2
23:00	.17	8.2	12.8	12.6	5.7	8.3	8.6	4.1
Avg	-.04	6.6	8.0	8.2	6.8	8.0	15.2	13.5
Max	.37	14.7	16.5	15.8	16.3	16.7	26.1	26.7
Hr. of Max	17	14	15	14	14	14	12	12
Min	-.62	3.2	3.0	2.7	3.4	3.0	5.2	3.8
Count	24	24	24	24	24	24	24	24
Total								