Date Printed: 06/14/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	20.8	22.0	22.9	23.4	1.24	2.13	2.66	.89	1.42
01:00	20.6	22.6	23.0	23.3	2.01	2.39	2.72	.39	.72
02:00	20.3	21.5	22.2	22.6	1.27	1.91	2.33	.64	1.06
03:00	20.0	21.1	21.5	22.1	1.16	1.52	2.10	.36	.94
04:00	19.6	20.7	21.0	21.7	1.14	1.41	2.09	.27	.96
05:00	19.1	20.5	21.0	21.5	1.44	1.88	2.38	.44	.94
06:00	18.8	20.6	20.9	21.2	1.79	2.17	2.44	.38	.65
07:00	20.4	21.1	21.7	21.7	.70	1.27	1.30	.56	.60
08:00	22.7	22.5	22.3	22.2	-.22	-.45	-.50	-.23	-.28
09:00	24.4	24.0	23.7	23.6	-.38	-.69	-.79	-.31	-.41
10:00	25.5	25.0	24.8	24.6	-.41	-.70	-.82	-.29	-.41
11:00	26.9	26.2	25.9	25.8	-.63	-.94	-1.06	-.31	-.43
12:00	28.0	27.4	27.1	27.0	-.63	-.90	-1.05	-.27	-.42
13:00	29.0	28.2	28.0	27.9	-.76	-.99	-1.09	-.23	-.33
14:00	29.4	28.8	28.5	28.4	-.59	-.88	-.93	-.29	-.34
15:00	29.8	29.2	28.9	28.8	-.65	-.95	-1.02	-.29	-.37
16:00	29.5	28.9	28.8	28.8	-.59	-.75	-.77	-.16	-.18
17:00	30.4	29.9	29.7	29.5	-.51	-.75	-.89	-.24	-.38
18:00	30.3	30.2	29.9	29.7	-.17	-.48	-.62	-.31	-.45
19:00	28.6	29.4	29.4	29.4	.84	.86	.87	.02	.03
20:00	25.8	27.5	27.9	28.6	1.64	2.11	2.77	.48	1.14
21:00	23.8	25.6	26.3	27.2	1.76	2.48	3.39	.71	1.62
22:00	22.9	24.5	25.2	25.9	1.59	2.36	3.05	.77	1.45
23:00	22.1	23.7	24.2	25.3	1.57	2.08	3.18	.51	1.61
Avg	24.5	25.0	25.2	25.4	.53	.67	.91	.15	.38
Max	30.4	30.2	29.9	29.7	2.01	2.48	3.39	.89	1.62
Hr. of Max	17	18	18	18	01	21	21	00	21
Min	18.8	20.5	20.9	21.2	-.76	-.99	-1.09	-.31	-.45
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	19.5	20.7	20.0	26.0	94.8	94.3	16.8	17.9	0.014685
01:00	19.4	20.3	19.8	25.7	95.2	88.9	16.7	17.5	0.014575
02:00	19.2	20.1	19.5	25.5	95.5	93.7	16.4	17.3	0.014332
03:00	18.9	20.1	19.2	25.3	95.7	96.2	16.2	17.4	0.014083
04:00	18.5	19.9	18.9	25.0	95.8	97.4	15.8	17.2	0.013752
05:00	18.1	19.8	18.4	24.8	95.7	97.7	15.4	17.1	0.013343
06:00	17.8	19.8	18.1	24.6	95.8	97.6	15.1	17.1	0.013079
07:00	19.3	19.8	19.6	24.4	95.4	94.4	16.5	17.0	0.014418
08:00	20.1	19.9	21.0	24.2	87.4	87.0	17.3	17.0	0.015221
09:00	19.7	19.3	21.3	24.2	77.3	77.0	16.8	16.4	0.014862
10:00	19.5	19.1	21.5	24.2	71.6	71.6	16.6	16.2	0.01466
11:00	19.8	19.0	22.2	24.4	67.1	66.3	16.8	16.0	0.014941
12:00	19.7	18.9	22.5	24.8	62.6	61.7	16.7	15.9	0.014915
13:00	19.6	18.8	22.7	25.4	58.7	58.4	16.5	15.8	0.014798
14:00	19.4	18.8	22.7	26.1	56.9	56.5	16.3	15.7	0.014666
15:00	19.6	19.0	23.0	26.5	56.0	55.8	16.5	15.8	0.014829
16:00	19.9	19.1	23.1	26.7	58.2	57.1	16.8	16.0	0.015153
17:00	19.5	18.9	23.1	26.9	53.8	53.4	16.4	15.8	0.014778
18:00	19.0	18.4	22.7	27.1	52.2	51.0	15.8	15.3	0.014268
19:00	20.6	19.5	23.3	27.3	64.4	56.8	17.6	16.3	0.015818
20:00	21.3	20.1	22.8	27.2	78.5	66.2	18.5	17.1	0.016486
21:00	20.7	20.5	21.7	27.1	84.7	75.4	17.8	17.5	0.015767
22:00	20.4	20.7	21.2	26.9	88.1	81.6	17.6	17.8	0.015472
23:00	20.1	20.6	20.8	26.7	90.5	84.8	17.3	17.7	0.015199
Avg	19.6	19.6	21.2	25.7	78.0	75.9	16.7	16.7	0.014754
Max	21.3	20.7	23.3	27.3	95.8	97.7	18.5	17.9	0.016486
Hr. of Max	20	22	19	19	06	05	20	00	20
Min	17.8	18.4	18.1	24.2	52.2	51.0	15.1	15.3	0.013079
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	0.015761	22.8	24.4	.00	29.18	988.4	-2.9	.00	265.1
01:00	0.015383	22.6	23.8	.00	29.18	988.1	-1.4	.00	255.5
02:00	0.015202	22.3	23.6	.00	29.17	988.0	-2.7	.00	334.5
03:00	0.015204	21.9	23.6	.00	29.18	988.1	-3.2	.00	15.1
04:00	0.015002	21.4	23.3	.00	29.18	988.3	-1.2	.00	319.4
05:00	0.014906	20.8	23.1	.00	29.20	988.7	-1.0	.00	267.3
06:00	0.014887	20.4	23.1	.00	29.21	989.2	9.7	.01	288.1
07:00	0.014881	22.4	23.1	.00	29.23	989.9	113.1	.16	230.0
08:00	0.014953	23.7	23.3	.00	29.25	990.6	273.6	.39	215.1
09:00	0.01446	23.1	22.5	.00	29.26	990.8	459.2	.66	211.3
10:00	0.014306	22.8	22.3	.00	29.26	991.1	490.2	.70	222.1
11:00	0.014222	23.2	22.2	.00	29.26	990.9	738.6	1.06	210.9
12:00	0.01416	23.2	22.1	.00	29.26	990.8	867.9	1.24	218.2
13:00	0.014093	23.0	21.9	.00	29.24	990.3	969.4	1.39	203.7
14:00	0.014085	22.8	21.9	.00	29.22	989.5	679.9	.97	215.8
15:00	0.014226	23.0	22.1	.00	29.20	988.8	715.0	1.02	223.8
16:00	0.014362	23.5	22.3	.00	29.18	988.3	485.6	.70	287.5
17:00	0.014236	22.9	22.1	.00	29.17	987.8	386.9	.55	258.4
18:00	0.013802	22.1	21.4	.00	29.15	987.3	314.9	.45	186.5
19:00	0.014703	24.5	22.8	.00	29.16	987.5	177.4	.25	244.1
20:00	0.015291	25.5	23.7	.00	29.17	987.9	23.7	.03	287.8
21:00	0.015584	24.4	24.2	.00	29.19	988.6	-1.7	.00	322.8
22:00	0.015771	24.0	24.5	.00	29.21	989.1	-2.5	.00	334.1
23:00	0.015666	23.6	24.3	.00	29.22	989.6	-1.6	.00	350.8
Avg	0.014798	22.9	23.0	.00	29.21	989.1	278.6	.40	259.0
Max	0.015771	25.5	24.5	.00	29.26	991.1	969.4	1.39	350.8
Hr. of Max	22	20	22	23	12	10	13	13	23
Min	0.013802	20.4	21.4	.00	29.15	987.3	-3.2	.00	15.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	244.3	216.7	266.0	219.1	16.9	6.8	7.5	1.0	3.6
01:00	226.8	217.5	254.5	220.0	18.0	10.7	5.9	1.7	3.8
02:00	12.7	216.2	330.3	221.1	44.0	43.3	33.8	.6	.2
03:00	46.2	297.2	2.5	294.7	32.1	16.1	22.9	.6	.9
04:00	104.0	191.3	302.9	191.9	29.5	29.5	23.4	.4	.1
05:00	232.6	204.1	268.8	206.0	16.0	10.8	5.8	1.1	2.4
06:00	255.0	212.8	287.4	214.8	16.0	9.2	6.8	1.1	2.4
07:00	246.4	241.5	235.1	243.1	20.6	11.4	7.9	1.1	2.6
08:00	226.1	229.5	221.4	231.6	23.4	15.6	12.0	3.4	5.1
09:00	221.6	221.4	217.2	223.9	21.3	14.7	11.1	5.3	7.5
10:00	225.2	223.8	227.8	225.7	26.5	21.0	16.3	4.4	5.9
11:00	219.6	219.4	217.3	220.9	32.2	25.3	19.8	4.4	5.7
12:00	231.3	229.2	224.0	230.8	40.7	32.3	33.2	3.0	3.9
13:00	215.2	215.1	208.6	216.8	43.6	39.2	35.8	3.2	3.7
14:00	222.5	224.3	219.3	226.3	34.9	27.4	25.7	3.5	4.2
15:00	225.9	222.4	229.9	224.6	26.5	23.3	19.8	3.6	4.5
16:00	283.4	277.1	292.0	276.3	34.9	25.8	21.6	2.6	3.5
17:00	263.6	254.2	262.6	255.2	38.7	29.9	24.2	2.3	3.0
18:00	194.3	200.3	189.7	202.3	26.9	20.1	17.4	2.6	3.6
19:00	214.4	209.1	244.6	210.4	27.5	20.5	14.1	.9	2.1
20:00	226.2	207.4	288.8	209.5	11.0	5.6	5.6	1.1	2.0
21:00	233.3	195.6	317.9	197.3	42.5	26.3	8.2	.7	.8
22:00	46.9	90.0	346.6	86.0	25.5	43.7	25.5	.4	.9
23:00	57.9	117.1	349.0	130.9	28.9	13.4	44.9	.5	1.1
Avg	231.0	217.0	261.0	219.0	28.3	21.7	18.7	.0	.0
Max	283.4	297.2	349.0	294.7	44.0	43.7	44.9	5.3	7.5
Hr. of Max	16	03	23	03	02	22	23	09	09
Min	12.7	90.0	2.5	86.0	11.0	5.6	5.6	.4	.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	4.7	1.1	3.7	4.8	1.4	5.2	1.2	.4	.02
01:00	6.0	1.8	3.9	6.0	2.2	6.5	-.6	.1	-.05
02:00	1.4	.7	.9	1.5	1.0	1.9	1.4	.8	.03
03:00	.2	.6	1.0	.4	.9	.7	1.3	1.6	.03
04:00	1.2	.5	.2	1.2	.8	1.6	1.7	-.3	.02
05:00	4.3	1.2	2.4	4.3	1.6	4.6	.9	.5	.00
06:00	3.7	1.2	2.5	3.8	1.5	4.1	.7	-.3	.01
07:00	4.0	1.2	2.7	4.1	1.6	4.5	.5	.3	.00
08:00	6.6	3.7	5.3	6.7	4.2	7.3	1.5	-1.2	-.08
09:00	9.0	5.7	7.8	9.2	6.3	9.9	.2	-1.3	-.20
10:00	7.1	4.8	6.3	7.3	5.4	7.9	-.5	2.3	-.23
11:00	6.8	5.0	6.3	7.2	5.6	7.9	1.1	.5	-.08
12:00	4.5	3.8	4.5	5.1	4.6	5.9	.9	1.2	-.07
13:00	4.2	4.4	4.8	5.2	5.0	5.9	-3.1	-2.5	-.34
14:00	4.6	4.5	5.0	5.2	4.9	5.8	.2	-1.0	-.12
15:00	5.2	4.2	5.1	5.6	4.7	6.2	-2.2	-1.6	-.30
16:00	3.7	3.0	3.9	3.9	3.4	4.4	-1.9	-1.5	-.18
17:00	3.5	2.8	3.4	3.8	3.2	4.3	1.1	3.2	-.06
18:00	4.5	3.1	3.9	4.8	3.7	5.2	3.7	2.1	.10
19:00	3.2	1.4	2.3	3.5	1.8	3.8	4.6	2.6	.11
20:00	3.8	1.2	2.1	3.8	1.5	4.1	-.1	.3	.00
21:00	2.5	.7	.9	2.5	1.0	2.8	.3	1.3	.00
22:00	.2	.4	1.0	.5	.7	.9	1.9	-.3	.03
23:00	.3	.6	1.2	.4	.9	.8	1.9	-1.5	.02
Avg	.0	2.4	3.4	4.2	2.8	4.7	.7	.2	-.06
Max	9.0	5.7	7.8	9.2	6.3	9.9	4.6	3.2	.11
Hr. of Max	09	09	09	09	09	09	19	17	19
Min	.2	.4	.2	.4	.7	.7	-3.1	-2.5	-.34
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/13/2015

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	.02	3.0	6.9	10.5	3.3	11.3	9.3	4.2
01:00	-.01	3.9	9.8	12.1	4.3	11.0	9.1	3.7
02:00	.02	3.4	3.4	9.4	3.5	5.4	12.4	16.0
03:00	.03	2.3	2.5	1.6	2.4	1.9	7.6	12.4
04:00	-.01	1.8	2.3	3.9	1.8	4.0	7.2	5.2
05:00	.02	3.2	4.8	6.6	3.4	7.3	6.6	4.1
06:00	-.02	2.5	6.4	8.7	3.4	6.4	7.0	3.2
07:00	.01	3.4	5.7	6.6	4.0	7.2	10.2	5.1
08:00	-.23	10.1	11.2	14.0	11.6	15.2	17.7	8.8
09:00	-.32	13.1	14.2	14.2	14.2	15.7	17.4	9.2
10:00	.13	11.2	15.6	14.7	12.8	14.6	17.8	14.4
11:00	-.02	10.5	12.8	12.6	12.7	13.8	19.0	14.6
12:00	.04	10.8	12.4	11.9	11.8	12.6	23.2	22.1
13:00	-.39	10.8	11.4	11.7	12.5	13.9	21.4	23.1
14:00	-.13	11.4	11.7	11.7	12.0	12.9	18.5	20.1
15:00	-.17	9.8	9.4	12.4	10.0	11.5	18.4	16.2
16:00	-.21	8.0	14.0	14.2	8.0	10.6	21.2	19.7
17:00	.17	7.3	9.4	9.4	8.7	11.0	22.0	19.2
18:00	.07	11.7	8.9	10.8	10.0	11.1	20.7	14.7
19:00	.15	7.8	7.8	8.5	9.2	9.1	15.4	10.6
20:00	.01	3.4	4.4	9.2	2.8	7.0	6.2	3.3
21:00	.06	2.1	3.9	6.9	2.1	4.9	8.5	3.3
22:00	.00	2.3	2.1	3.4	1.6	2.3	6.8	10.3
23:00	-.02	1.8	3.4	2.7	2.0	2.1	7.8	10.6
Avg	-.03	6.5	8.1	9.5	7.0	9.3	13.8	11.4
Max	.17	13.1	15.6	14.7	14.2	15.7	23.2	23.1
Hr. of Max	17	09	10	10	09	09	12	13
Min	-.39	1.8	2.1	1.6	1.6	1.9	6.2	3.2
Count	24	24	24	24	24	24	24	24
Total								