Date Printed: 07/03/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	20.1	20.1	20.0	20.1	.00	-.07	.00	-.07	.01
01:00	20.0	20.0	19.9	19.9	-.03	-.12	-.07	-.10	-.05
02:00	19.6	19.6	19.6	19.6	.05	-.02	.04	-.07	-.01
03:00	19.5	19.4	19.4	19.4	-.06	-.11	-.03	-.05	.03
04:00	19.3	19.2	19.2	19.3	-.05	-.10	-.01	-.05	.04
05:00	19.3	19.2	19.1	19.2	-.05	-.14	-.06	-.09	-.01
06:00	19.3	19.2	19.2	19.3	-.07	-.14	-.05	-.07	.02
07:00	19.3	19.3	19.2	19.2	-.07	-.15	-.08	-.09	-.02
08:00	19.6	19.5	19.4	19.5	-.07	-.17	-.09	-.10	-.02
09:00	19.7	19.7	19.5	19.6	-.04	-.17	-.14	-.14	-.10
10:00	19.8	19.6	19.5	19.5	-.12	-.29	-.29	-.17	-.16
11:00	20.2	20.0	19.8	19.7	-.25	-.47	-.51	-.23	-.26
12:00	20.8	20.5	20.3	20.3	-.28	-.50	-.56	-.22	-.28
13:00	20.9	20.7	20.5	20.4	-.26	-.46	-.49	-.21	-.24
14:00	21.7	21.3	21.1	21.1	-.42	-.67	-.67	-.25	-.25
15:00	23.8	23.2	22.9	22.8	-.70	-.95	-1.00	-.26	-.31
16:00	24.8	24.2	23.9	23.8	-.58	-.88	-.96	-.29	-.38
17:00	25.0	24.7	24.4	24.2	-.38	-.68	-.81	-.31	-.44
18:00	25.3	25.0	24.8	24.7	-.28	-.53	-.63	-.26	-.36
19:00	24.4	24.4	24.2	24.2	.00	-.17	-.18	-.17	-.18
20:00	22.6	23.2	23.5	23.7	.56	.86	1.06	.30	.50
21:00	22.2	22.5	22.7	22.9	.22	.43	.64	.20	.41
22:00	21.9	22.3	22.3	22.4	.35	.36	.46	.01	.11
23:00	21.7	21.7	21.6	21.7	.01	-.06	-.03	-.07	-.03
Avg	21.3	21.2	21.1	21.1	-.11	-.22	-.19	-.12	-.08
Max	25.3	25.0	24.8	24.7	.56	.86	1.06	.30	.50
Hr. of Max	18	18	18	18	20	20	20	20	20
Min	19.3	19.2	19.1	19.2	-.70	-.95	-1.00	-.31	-.44
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	18.1	18.2	18.7	23.9	89.9	90.5	15.4	15.4	0.013397
01:00	17.9	18.0	18.6	23.7	89.9	90.7	15.2	15.3	0.013289
02:00	17.8	17.9	18.4	23.6	91.2	91.4	15.1	15.2	0.013162
03:00	17.9	17.9	18.4	23.5	92.5	93.0	15.2	15.2	0.013261
04:00	17.9	18.0	18.4	23.3	94.0	94.8	15.3	15.4	0.013308
05:00	18.1	18.3	18.5	23.2	95.3	96.4	15.5	15.6	0.013482
06:00	18.3	18.4	18.6	23.0	95.9	96.8	15.6	15.7	0.013621
07:00	18.3	18.5	18.7	22.8	96.1	97.6	15.7	15.8	0.013647
08:00	18.6	18.8	18.9	22.4	96.2	97.7	15.9	16.1	0.013862
09:00	18.7	18.9	19.0	21.8	95.9	97.5	16.0	16.2	0.013941
10:00	18.7	18.9	19.0	21.5	95.6	97.6	16.0	16.2	0.013953
11:00	18.9	18.9	19.4	21.4	94.4	95.8	16.2	16.2	0.014186
12:00	19.1	18.9	19.6	21.5	91.8	92.4	16.3	16.1	0.014299
13:00	19.3	19.2	19.8	21.7	92.5	93.6	16.5	16.5	0.014503
14:00	19.4	19.1	20.2	21.9	88.9	89.1	16.6	16.3	0.01466
15:00	19.3	18.7	20.8	22.2	77.7	78.0	16.4	15.9	0.014582
16:00	19.3	18.8	21.1	22.6	73.5	73.8	16.3	15.9	0.014561
17:00	19.3	19.0	21.2	23.1	72.4	72.7	16.4	16.1	0.014595
18:00	19.3	19.1	21.3	23.5	71.3	71.4	16.3	16.1	0.014594
19:00	20.0	19.7	21.5	23.8	78.6	77.2	17.1	16.8	0.015239
20:00	20.5	20.2	21.2	23.9	89.9	85.5	17.7	17.4	0.015672
21:00	20.3	20.3	20.9	24.0	91.0	90.0	17.5	17.5	0.015501
22:00	20.2	20.0	20.8	23.9	92.1	89.1	17.4	17.2	0.015396
23:00	19.8	19.9	20.4	23.8	90.9	91.6	17.0	17.1	0.01498
Avg	19.0	18.9	19.7	22.9	89.1	89.3	16.2	16.1	0.014237
Max	20.5	20.3	21.5	24.0	96.2	97.7	17.7	17.5	0.015672
Hr. of Max	20	21	19	21	08	08	20	21	20
Min	17.8	17.9	18.4	21.4	71.3	71.4	15.1	15.2	0.013162
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	0.013485	20.8	20.9	.00	29.10	985.4	-1.1	.00	233.4
01:00	0.013385	20.6	20.8	.00	29.09	985.3	-1.3	.00	224.1
02:00	0.013231	20.4	20.5	.00	29.08	984.9	-2.5	.00	236.8
03:00	0.013277	20.5	20.6	.00	29.07	984.4	-2.8	.00	234.9
04:00	0.013387	20.6	20.7	.14	29.06	984.0	-3.4	.00	230.6
05:00	0.013592	20.9	21.0	.08	29.05	983.9	-2.7	.00	229.0
06:00	0.013681	21.1	21.2	.10	29.05	983.9	-2.4	.00	238.2
07:00	0.013804	21.1	21.4	.22	29.06	984.0	1.3	.00	229.7
08:00	0.014027	21.4	21.7	.14	29.05	983.9	11.8	.02	221.5
09:00	0.014143	21.6	21.9	.32	29.07	984.6	14.2	.02	211.8
10:00	0.01413	21.6	21.9	.07	29.08	984.7	47.9	.07	209.9
11:00	0.014176	21.9	21.9	.01	29.06	984.3	180.9	.26	209.5
12:00	0.014143	22.1	21.9	.00	29.07	984.5	248.4	.36	192.3
13:00	0.014444	22.4	22.3	.02	29.06	984.2	220.5	.32	194.7
14:00	0.014317	22.7	22.1	.01	29.05	983.9	409.1	.59	213.5
15:00	0.014026	22.5	21.7	.00	29.03	983.3	736.9	1.03 +	220.5
16:00	0.01412	22.5	21.8	.00	29.01	982.4	502.0	.72	219.6
17:00	0.014321	22.5	22.1	.00	29.01	982.5	304.4	.44	222.7
18:00	0.01437	22.5	22.2	.00	29.00	982.1	210.7	.30	220.3
19:00	0.014983	23.5	23.1	.00	28.99	981.8	103.9	.15	197.2
20:00	0.015411	24.1	23.7	.00	28.99	981.9	14.1	.02	250.5
21:00	0.015532	23.9	23.9	.00	29.01	982.3	-2.8	.00	226.2
22:00	0.015219	23.7	23.5	.00	29.01	982.5	-2.3	.00	233.8
23:00	0.015101	23.1	23.3	.02	29.00	982.1	-1.5	.00	217.9
Avg	0.014179	22.0	21.9	.05	29.04	983.6	124.3	.18	221.0
Max	0.015532	24.1	23.9	.32	29.10	985.4	736.9	1.03	250.5
Hr. of Max	21	20	21	09	00	00	15	15	20
Min	0.013231	20.4	20.5	.00	28.99	981.8	-3.4	.00	192.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	238.5	236.4	238.3	238.2	20.9	10.3	6.7	2.6	5.4
01:00	228.8	225.0	231.5	227.2	24.3	13.1	8.5	3.0	5.6
02:00	236.0	229.7	241.4	231.7	30.5	16.3	9.6	1.7	3.6
03:00	232.1	227.1	237.2	229.2	27.0	18.0	9.8	1.3	2.9
04:00	226.8	219.7	235.5	222.3	27.7	13.9	8.4	2.3	4.3
05:00	228.3	224.7	236.4	226.4	39.0	21.8	13.7	1.3	2.8
06:00	236.8	227.2	243.4	229.8	26.7	13.4	7.9	1.5	3.4
07:00	228.8	219.5	235.9	222.3	27.4	14.1	8.2	1.9	3.3
08:00	213.3	205.1	227.8	207.5	28.3	20.5	13.2	1.4	3.0
09:00	222.5	220.2	219.3	221.9	33.0	29.4	18.5	2.2	3.5
10:00	212.6	212.3	215.5	215.0	29.3	20.8	13.2	2.2	4.0
11:00	213.7	210.1	213.2	211.7	29.2	24.5	19.2	1.9	2.9
12:00	196.0	197.7	196.7	199.2	24.4	18.3	14.0	3.7	5.1
13:00	198.6	195.4	200.5	196.6	27.3	21.1	16.9	3.6	5.5
14:00	217.7	218.0	219.9	220.2	25.4	18.5	14.5	4.0	5.5
15:00	225.3	223.6	227.6	225.9	27.2	19.2	16.2	4.7	6.4
16:00	223.9	224.6	224.9	226.6	26.7	21.7	17.2	4.9	6.5
17:00	228.4	225.8	228.8	228.2	24.6	15.5	11.6	4.9	7.6
18:00	225.7	225.4	226.4	227.3	27.0	19.2	13.0	3.3	5.2
19:00	200.0	193.5	204.0	194.8	20.9	15.0	10.9	2.4	3.7
20:00	232.8	218.7	251.9	220.5	34.1	14.9	9.7	1.3	2.8
21:00	212.8	206.5	230.5	208.3	25.1	12.6	8.2	2.4	4.4
22:00	217.5	209.9	236.5	211.7	19.9	14.8	9.7	2.0	3.9
23:00	226.4	223.8	223.1	225.5	32.8	18.6	12.5	3.9	6.7
Avg	221.0	217.0	226.0	219.0	27.4	17.7	12.1	.0	.0
Max	238.5	236.4	251.9	238.2	39.0	29.4	19.2	4.9	7.6
Hr. of Max	00	00	20	00	05	09	11	17	17
Min	196.0	193.5	196.7	194.8	19.9	10.3	6.7	1.3	2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	7.6	2.8	5.5	7.7	3.2	8.2	.4	1.6	-.08
01:00	7.8	3.2	5.8	7.9	3.7	8.4	2.1	.5	-.07
02:00	5.3	2.0	3.8	5.4	2.4	5.8	-.5	.3	-.07
03:00	4.4	1.6	3.0	4.5	2.0	4.9	-1.1	.6	-.08
04:00	5.9	2.5	4.4	6.0	2.8	6.4	-1.1	-.3	-.11
05:00	4.8	1.6	3.1	5.1	2.1	5.4	1.4	1.8	.01
06:00	5.2	1.7	3.5	5.3	2.1	5.6	-.6	.1	-.07
07:00	4.8	2.1	3.4	4.9	2.4	5.2	-2.0	-.5	-.12
08:00	4.8	1.6	3.2	5.0	2.2	5.2	-.4	1.1	-.07
09:00	4.9	2.8	4.2	5.6	3.1	6.0	-.2	-.4	-.10
10:00	5.5	2.5	4.2	5.6	3.0	6.0	1.5	.5	-.03
11:00	3.5	2.2	3.2	3.7	2.7	4.1	5.6	2.5	.14
12:00	6.6	4.1	5.5	7.0	4.7	7.4	1.6	1.4	-.02
13:00	6.8	4.1	5.9	7.2	4.5	7.6	1.0	.8	-.05
14:00	6.6	4.4	5.8	6.9	4.9	7.4	2.4	-1.9	.02
15:00	7.3	5.2	6.7	7.6	5.7	8.2	-1.2	-1.3	-.28
16:00	7.6	5.5	7.1	8.0	6.1	8.6	-.2	.3	-.24
17:00	9.2	5.4	8.0	9.5	6.2	10.2	.3	-1.5	-.16
18:00	6.8	3.8	5.6	7.1	4.4	7.6	.8	.5	-.09
19:00	5.1	2.5	3.9	5.2	3.0	5.5	1.1	-.4	-.04
20:00	4.4	1.5	3.1	4.6	1.9	5.0	-.5	-.3	-.07
21:00	6.4	2.5	4.5	6.5	2.9	6.8	.4	.8	-.08
22:00	5.8	2.2	4.0	5.9	2.6	6.3	-1.7	.4	-.11
23:00	9.0	4.5	7.3	9.5	5.0	10.1	2.1	.5	-.01
Avg	.0	3.0	4.8	6.3	3.5	6.7	.5	.3	-.07
Max	9.2	5.5	8.0	9.5	6.2	10.2	5.6	2.5	.14
Hr. of Max	17	16	17	23	17	17	11	11	11
Min	3.5	1.5	3.0	3.7	1.9	4.1	-2.0	-1.9	-.28
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

7/2/2015

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	.21	8.9	11.4	18.3	9.1	11.9	17.3	5.1
01:00	.02	7.6	13.7	17.2	10.2	15.4	18.9	6.3
02:00	.01	7.8	13.7	17.2	9.6	13.5	14.9	6.6
03:00	.03	4.6	6.0	7.1	5.8	7.6	11.9	5.2
04:00	-.04	7.3	11.0	11.9	7.0	12.3	11.4	3.6
05:00	.14	5.7	8.2	13.5	6.6	10.2	18.2	8.9
06:00	.00	4.6	7.1	8.7	6.3	9.8	12.3	5.1
07:00	-.05	4.4	7.1	11.2	5.7	7.8	9.8	4.4
08:00	.07	5.7	6.9	9.6	6.4	9.7	15.2	7.9
09:00	-.02	11.4	12.4	14.7	10.8	15.1	18.1	9.1
10:00	.00	7.8	9.2	12.6	7.8	12.1	16.1	7.5
11:00	.07	7.3	7.6	8.5	8.0	8.3	20.8	14.1
12:00	.09	10.1	13.5	15.1	11.0	15.8	17.6	11.1
13:00	-.09	19.0	22.4	22.4	12.2	16.6	18.0	13.1
14:00	-.33	11.7	12.6	13.1	12.4	13.9	17.8	12.0
15:00	-.36	11.9	15.3	16.3	14.3	16.1	16.2	12.8
16:00	-.05	14.4	16.7	15.3	14.3	15.8	16.9	11.5
17:00	-.32	19.2	20.6	22.4	13.8	16.0	18.4	8.6
18:00	-.01	11.2	15.3	20.6	10.4	13.2	18.5	9.4
19:00	-.11	8.7	11.0	14.4	9.8	14.6	16.4	9.0
20:00	-.05	5.7	8.7	8.7	6.2	8.6	10.9	5.8
21:00	.05	5.3	7.6	10.8	5.6	11.0	14.3	6.4
22:00	.01	10.1	14.9	15.8	10.1	17.4	12.9	6.4
23:00	-.03	15.6	21.3	20.4	15.7	22.3	18.2	8.1
Avg	-.03	9.4	12.3	14.4	9.5	13.1	15.9	8.3
Max	.21	19.2	22.4	22.4	15.7	22.3	20.8	14.1
Hr. of Max	00	17	13	17	23	23	11	11
Min	-.36	4.4	6.0	7.1	5.6	7.6	9.8	3.6
Count	24	24	24	24	24	24	24	24
Total								