Date Printed: 08/11/2015 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	21.9	22.7	23.0	23.5	.83	1.11	1.62	.28	.79
01:00	21.5	22.3	22.7	23.1	.83	1.15	1.54	.32	.72
02:00	21.2	21.9	22.2	22.7	.77	1.05	1.55	.27	.78
03:00	21.1	21.9	22.0	22.2	.75	.86	1.11	.11	.36
04:00	21.1	21.7	21.7	21.9	.57	.61	.76	.04	.19
05:00	20.9	21.6	21.7	21.9	.72	.84	1.06	.12	.34
06:00	20.4	21.0	21.2	21.4	.61	.79	1.00	.18	.39
07:00	21.0	21.1	21.2	21.4	.13	.26	.42	.13	.29
08:00	22.9	22.7	22.6	22.6	-.23	-.38	-.34	-.15	-.11
09:00	25.2	24.8	24.5	24.4	-.43	-.69	-.86	-.26	-.43
10:00	27.3	26.6	26.2	26.1	-.71	-1.04	-1.15	-.33	-.44
11:00	27.3	26.8	26.5	26.4	-.49	-.76	-.85	-.27	-.36
12:00	27.8	27.3	27.0	27.0	-.50	-.75	-.81	-.25	-.31
13:00	28.1	27.5	27.2	27.1	-.61	-.88	-.99	-.27	-.37
14:00	29.2	28.5	28.1	28.1	-.71	-1.04	-1.10	-.33	-.39
15:00	29.8	29.1	28.9	28.8	-.68	-.96	-1.05	-.28	-.36
16:00	30.5	29.8	29.6	29.4	-.70	-.97	-1.11	-.28	-.42
17:00	27.1	26.6	26.2	26.1	-.56	-.93	-1.09	-.37	-.53
18:00	25.3	25.1	24.8	24.7	-.27	-.52	-.59	-.25	-.32
19:00	24.2	24.0	23.8	23.7	-.20	-.43	-.48	-.23	-.28
20:00	23.6	23.4	23.2	23.2	-.18	-.37	-.40	-.19	-.22
21:00	22.9	22.8	22.6	22.7	-.14	-.28	-.26	-.14	-.11
22:00	22.5	22.3	22.2	22.2	-.16	-.31	-.29	-.14	-.13
23:00	22.3	22.1	22.0	22.0	-.16	-.32	-.27	-.15	-.10
Avg	24.4	24.3	24.2	24.3	-.06	-.17	-.11	-.10	-.04
Max	30.5	29.8	29.6	29.4	.83	1.15	1.62	.32	.79
Hr. of Max	16	16	16	16	01	01	00	01	00
Min	20.4	21.0	21.2	21.4	-.71	-1.04	-1.15	-.37	-.53
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	20.3	21.4	20.8	27.4	92.9	94.9	17.5	18.7	0.015444
01:00	20.0	21.3	20.5	27.2	93.4	96.4	17.3	18.6	0.015191
02:00	19.7	21.0	20.2	27.1	93.8	96.9	17.0	18.3	0.014934
03:00	19.9	20.9	20.3	26.9	94.8	96.6	17.1	18.2	0.015072
04:00	19.9	20.7	20.3	26.8	95.1	96.4	17.2	18.0	0.015115
05:00	19.7	20.6	20.1	26.6	95.1	96.7	16.9	17.9	0.014881
06:00	19.1	20.2	19.5	26.5	94.5	97.2	16.4	17.4	0.014363
07:00	19.7	20.3	20.1	26.3	94.5	97.4	16.9	17.5	0.014863
08:00	20.6	20.6	21.4	26.2	89.0	90.2	17.8	17.8	0.015787
09:00	20.9	20.1	22.3	26.1	79.1	77.4	18.0	17.2	0.016092
10:00	21.2	20.8	23.2	26.1	71.6	72.8	18.3	17.9	0.016456
11:00	21.7	21.5	23.6	26.2	73.8	75.0	18.8	18.6	0.016945
12:00	21.8	21.6	23.8	26.3	72.1	73.2	18.9	18.7	0.017055
13:00	22.1	21.8	24.1	26.5	72.1	73.4	19.2	19.0	0.017376
14:00	22.3	22.0	24.6	26.6	68.6	70.2	19.4	19.1	0.017611
15:00	22.6	22.3	25.0	26.7	67.3	68.9	19.7	19.4	0.017979
16:00	22.1	21.9	24.9	26.9	62.8	64.5	19.1	18.9	0.017481
17:00	20.7	20.6	22.9	27.0	69.9	71.8	17.7	17.7	0.015986
18:00	20.0	20.0	21.8	27.2	74.3	75.6	17.0	17.1	0.015239
19:00	19.8	19.9	21.3	27.2	78.6	80.0	16.9	17.0	0.015067
20:00	19.9	20.0	21.1	27.2	81.7	83.4	17.0	17.1	0.015096
21:00	20.1	20.2	21.0	27.1	86.1	87.6	17.2	17.4	0.015269
22:00	20.1	20.3	20.9	27.0	88.7	90.6	17.3	17.5	0.015339
23:00	20.0	20.2	20.8	26.9	89.0	90.9	17.2	17.4	0.015203
Avg	20.6	20.8	21.9	26.8	82.5	84.1	17.7	18.0	0.015827
Max	22.6	22.3	25.0	27.4	95.1	97.4	19.7	19.4	0.017979
Hr. of Max	15	15	15	00	05	07	15	15	15
Min	19.1	19.9	19.5	26.1	62.8	64.5	16.4	17.0	0.014363
Count	24	24	24	24	24	24	24	24	24
Total									

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OAK RIDGE NATIONAL LABORATORY
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Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	0.016589	23.8	25.6	.00	29.07	984.4	-1.9	.00	283.3
01:00	0.016486	23.5	25.4	.00	29.06	984.0	-2.6	.00	310.0
02:00	0.016182	23.1	24.9	.00	29.05	983.7	-1.8	.00	266.1
03:00	0.016086	23.3	24.8	.00	29.04	983.3	-2.6	.00	45.6
04:00	0.015867	23.3	24.5	.00	29.03	983.0	-2.8	.00	37.3
05:00	0.015821	23.0	24.4	.00	29.03	983.0	-1.8	.00	45.2
06:00	0.015342	22.2	23.7	.00	29.04	983.5	-.2	.00	252.5
07:00	0.015433	23.0	23.8	.00	29.05	983.7	55.6	.08	32.2
08:00	0.015769	24.4	24.3	.00	29.05	983.9	203.7	.29	310.6
09:00	0.01534	24.8	23.7	.00	29.06	984.1	491.3	.70	200.1
10:00	0.01603	25.4	24.7	.00	29.06	984.2	536.3	.77	223.8
11:00	0.016733	26.1	25.8	.00	29.07	984.3	359.1	.51	230.4
12:00	0.016813	26.3	25.9	.00	29.07	984.3	301.5	.43	229.7
13:00	0.017088	26.7	26.3	.00	29.06	984.1	464.9	.67	236.0
14:00	0.017309	27.1	26.6	.00	29.02	982.9	592.4	.85	222.2
15:00	0.017674	27.6	27.1	.00	29.00	982.1	482.3	.69	226.9
16:00	0.017234	26.8	26.5	.00	28.97	981.2	579.1	.83	235.7
17:00	0.015882	24.6	24.4	.00	28.97	981.2	372.1	.53	210.4
18:00	0.015278	23.5	23.5	.00	28.98	981.5	108.0	.15	204.5
19:00	0.015145	23.2	23.3	.00	28.99	981.7	64.1	.09	211.8
20:00	0.015225	23.3	23.5	.00	29.00	982.3	13.3	.02	230.6
21:00	0.015392	23.5	23.7	.00	29.02	982.8	-2.8	.00	226.2
22:00	0.015501	23.7	23.9	.00	29.02	982.9	-2.5	.00	233.9
23:00	0.015378	23.5	23.7	.00	29.03	983.1	-1.6	.00	234.8
Avg	0.016067	24.4	24.8	.00	29.03	983.1	191.8	.28	242.0
Max	0.017674	27.6	27.1	.00	29.07	984.4	592.4	.85	310.6
Hr. of Max	15	15	15	23	12	00	14	14	08
Min	0.015145	22.2	23.3	.00	28.97	981.2	-2.8	.00	32.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	156.0	205.8	279.1	203.5	26.1	45.6	14.1	.7	.4
01:00	65.6	291.5	303.1	317.9	37.0	41.7	31.2	.3	.3
02:00	101.9	190.2	264.3	165.3	25.6	19.2	52.8	.4	.0
03:00	70.7	63.0	49.1	59.9	16.3	11.6	10.2	.8	1.9
04:00	58.7	64.7	37.8	61.4	21.2	9.6	8.4	1.4	2.8
05:00	71.1	50.1	47.8	46.3	44.0	14.2	12.5	.6	1.5
06:00	120.7	84.7	254.5	91.1	16.5	53.5	11.5	.9	.2
07:00	71.6	55.2	8.7	47.0	43.8	28.3	10.6	.2	.8
08:00	52.7	32.5	304.0	30.1	57.2	33.5	44.7	.1	.5
09:00	187.2	191.6	202.0	192.0	33.3	30.6	30.0	1.6	1.9
10:00	229.8	229.1	229.7	230.8	26.3	19.2	14.3	4.8	6.8
11:00	239.9	238.3	234.9	239.3	24.4	20.4	18.5	3.4	4.5
12:00	235.1	230.8	234.1	232.6	25.2	18.4	12.0	3.4	4.9
13:00	240.2	238.0	239.5	239.4	23.6	18.8	15.0	3.6	4.8
14:00	226.6	223.2	227.3	224.9	23.7	17.5	12.9	4.6	6.6
15:00	231.0	228.9	231.6	230.7	25.9	20.9	15.4	4.1	5.9
16:00	240.3	239.1	239.9	240.7	28.1	19.3	17.0	5.4	7.4
17:00	215.6	214.6	216.8	216.7	24.4	18.0	14.0	7.6	11.1
18:00	208.9	210.3	208.7	212.0	25.2	20.9	17.3	4.2	6.0
19:00	214.8	214.4	216.1	216.4	21.0	15.3	10.2	5.1	7.6
20:00	228.9	225.8	233.0	227.3	26.1	17.5	12.0	2.9	4.6
21:00	227.4	232.4	226.9	233.4	27.5	25.5	14.1	1.8	2.9
22:00	230.0	225.6	235.1	226.6	26.6	15.6	10.6	2.0	3.5
23:00	232.2	231.7	235.9	233.6	22.3	12.8	6.2	2.0	4.1
Avg	197.0	218.0	245.0	220.0	28.0	22.8	17.3	.0	.0
Max	240.3	291.5	304.0	317.9	57.2	53.5	52.8	7.6	11.1
Hr. of Max	16	01	08	01	08	06	02	17	17
Min	52.7	32.5	8.7	30.1	16.3	9.6	6.2	.1	.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	1.0	1.0	.6	1.2	1.3	1.4	1.2	1.2	.02
01:00	.1	.4	.9	.6	.7	.8	1.7	.9	.02
02:00	.1	.4	.0	.3	.8	.7	2.6	.2	.04
03:00	2.1	1.0	2.0	2.2	1.3	2.5	3.6	.4	.07
04:00	3.2	1.6	2.8	3.3	1.8	3.5	-.9	-.4	-.08
05:00	1.8	.7	1.7	1.9	1.1	2.2	2.7	-.5	.04
06:00	1.1	.9	.4	1.1	1.4	1.3	1.2	.3	.02
07:00	1.7	.8	1.5	1.7	1.1	1.9	-.3	-2.0	-.01
08:00	.3	.3	.6	.7	.7	1.1	-6.8	-10.5	-.10
09:00	2.0	1.9	2.2	2.4	2.4	2.9	.9	-5.6	-.07
10:00	8.0	5.2	7.2	8.3	5.9	8.9	.6	.6	-.18
11:00	5.1	3.6	4.8	5.3	4.1	5.8	.5	.1	-.15
12:00	5.9	3.8	5.2	6.1	4.1	6.6	1.7	-.8	-.07
13:00	6.0	4.1	5.2	6.3	4.6	6.8	-.6	-.4	-.19
14:00	7.8	5.0	6.9	7.9	5.5	8.5	-.7	-.3	-.26
15:00	7.2	4.5	6.3	7.5	5.1	8.1	1.9	1.0	.02
16:00	8.9	5.9	7.8	9.3	6.5	10.0	-.5	2.2	-.26
17:00	13.6	8.3	11.7	14.0	9.1	14.8	1.4	.7	-.22
18:00	7.2	4.7	6.4	7.6	5.3	8.1	.6	-.9	-.14
19:00	9.6	5.4	7.8	9.8	6.0	10.3	.6	.0	-.15
20:00	6.4	3.2	4.8	6.5	3.7	7.0	2.0	1.7	-.05
21:00	3.8	2.1	3.1	4.0	2.4	4.3	-.3	.5	-.08
22:00	4.9	2.3	3.9	5.3	2.8	5.7	1.0	2.0	-.05
23:00	6.0	2.1	4.2	6.1	2.6	6.5	-.2	.9	-.09
Avg	.0	2.9	4.1	5.0	3.3	5.4	.6	-.4	-.08
Max	13.6	8.3	11.7	14.0	9.1	14.8	3.6	2.2	.07
Hr. of Max	17	17	17	17	17	17	03	16	03
Min	.1	.3	.0	.3	.7	.7	-6.8	-10.5	-.26
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

8/10/2015

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	3.2	2.5	2.5	2.7	2.9	7.0	5.6
01:00	.02	1.6	2.3	1.8	1.9	1.9	8.0	8.7
02:00	.01	1.8	.2	1.4	1.7	1.6	6.9	9.3
03:00	.02	2.3	3.7	5.5	2.9	6.0	8.6	4.4
04:00	-.05	3.2	5.7	7.6	4.6	6.6	9.9	4.4
05:00	-.02	3.9	6.2	7.1	3.2	5.7	12.5	7.1
06:00	.02	2.5	2.7	2.7	3.0	3.0	5.3	5.2
07:00	-.08	4.8	5.0	3.9	3.0	4.2	10.9	4.9
08:00	-.20	2.5	2.7	2.7	2.5	2.9	31.3	18.9
09:00	-.33	10.1	11.4	11.2	10.9	12.4	26.2	26.3
10:00	-.04	13.5	14.9	16.3	14.3	17.7	18.5	12.5
11:00	-.13	9.8	13.7	14.9	10.7	13.8	19.3	15.7
12:00	-.27	9.4	11.2	11.7	10.3	12.5	19.1	11.5
13:00	-.19	8.9	12.1	14.2	10.9	12.8	17.4	11.9
14:00	-.17	13.1	16.5	19.7	12.6	15.7	17.2	12.2
15:00	.03	11.2	15.1	16.7	12.7	14.0	18.6	11.3
16:00	.12	15.3	17.6	18.8	17.3	19.7	17.6	12.6
17:00	-.14	21.5	25.9	27.7	25.4	29.0	19.1	10.4
18:00	-.24	20.4	22.2	19.9	13.4	16.8	17.1	10.9
19:00	-.08	12.6	15.3	19.5	14.3	18.0	16.6	7.7
20:00	.09	10.1	11.2	12.4	11.7	12.7	19.4	11.0
21:00	.03	6.0	8.5	11.2	5.8	8.4	14.3	7.3
22:00	.15	6.2	7.1	8.7	6.7	9.1	15.7	6.8
23:00	.08	5.0	7.6	14.0	6.0	9.5	16.4	4.8
Avg	-.06	8.3	10.1	11.3	8.7	10.7	15.5	10.1
Max	.15	21.5	25.9	27.7	25.4	29.0	31.3	26.3
Hr. of Max	22	17	17	17	17	17	08	09
Min	-.33	1.6	.2	1.4	1.7	1.6	5.3	4.4
Count	24	24	24	24	24	24	24	24
Total								