Date Printed: 10/04/2014 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

10/3/2014

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	18.3	20.2	21.3	21.8	1.89	2.97	3.53	1.09	1.64
01:00	17.9	19.9	20.9	21.4	2.01	2.97	3.48	.95	1.46
02:00	19.2	21.6	21.8	21.9	2.42	2.63	2.74	.21	.32
03:00	20.1	22.0	22.2	22.4	1.91	2.06	2.27	.16	.36
04:00	22.3	22.7	22.7	22.8	.33	.35	.47	.02	.14
05:00	22.5	22.7	22.6	22.7	.23	.16	.20	-.07	-.04
06:00	22.1	22.3	22.2	22.2	.16	.06	.07	-.10	-.09
07:00	19.6	19.6	19.5	19.6	.02	-.06	.00	-.08	-.02
08:00	19.3	19.3	19.2	19.3	-.03	-.12	-.05	-.09	-.02
09:00	19.4	19.3	19.2	19.3	-.07	-.19	-.12	-.12	-.05
10:00	19.7	19.7	19.6	19.6	-.07	-.18	-.15	-.10	-.07
11:00	20.1	19.9	19.8	19.8	-.13	-.29	-.30	-.16	-.17
12:00	20.7	20.5	20.3	20.3	-.15	-.34	-.36	-.19	-.21
13:00	21.7	21.4	21.1	21.1	-.31	-.59	-.60	-.27	-.29
14:00	22.8	22.3	22.0	22.0	-.44	-.74	-.80	-.31	-.37
15:00	23.5	22.9	22.6	22.5	-.54	-.85	-.94	-.31	-.40
16:00	22.3	22.1	21.9	21.9	-.25	-.44	-.45	-.19	-.20
17:00	22.8	22.5	22.3	22.3	-.29	-.52	-.54	-.23	-.25
18:00	21.9	21.9	21.8	21.9	.00	-.10	.00	-.10	.00
19:00	19.8	20.5	20.6	20.9	.65	.78	1.07	.13	.42
20:00	19.3	19.7	19.8	20.0	.40	.46	.64	.07	.24
21:00	18.3	18.8	18.8	18.9	.49	.53	.61	.03	.12
22:00	16.6	17.6	17.8	17.9	1.05	1.19	1.33	.14	.29
23:00	15.1	16.4	16.7	16.9	1.36	1.66	1.87	.31	.51
Avg	20.2	20.7	20.7	20.8	.44	.48	.58	.03	.14
Max	23.5	22.9	22.7	22.8	2.42	2.97	3.53	1.09	1.64
Hr. of Max	15	15	04	04	02	01	00	00	00
Min	15.1	16.4	16.7	16.9	-.54	-.85	-.94	-.31	-.40
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/3/2014

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	15.8	16.2	16.6	23.6	87.0	79.4	13.4	13.7	0.011597
01:00	15.7	16.3	16.5	23.4	88.6	81.4	13.3	13.8	0.011544
02:00	16.5	16.2	17.4	23.2	86.1	73.0	13.9	13.6	0.012121
03:00	16.9	16.1	18.0	23.0	83.4	70.6	14.3	13.5	0.012471
04:00	15.9	15.6	18.1	22.9	68.5	65.9	13.3	13.1	0.011739
05:00	15.6	15.4	17.9	22.8	66.6	64.6	13.1	12.9	0.011523
06:00	16.0	15.9	18.0	22.7	69.9	68.6	13.4	13.3	0.011812
07:00	17.5	17.4	18.2	22.6	89.5	89.4	14.8	14.8	0.012951
08:00	17.8	17.8	18.3	22.5	92.9	93.2	15.1	15.2	0.013235
09:00	18.1	18.2	18.5	22.4	94.6	95.3	15.5	15.5	0.013523
10:00	18.3	18.4	18.8	22.3	93.7	94.3	15.6	15.7	0.013696
11:00	18.4	18.3	18.9	22.3	92.1	92.4	15.7	15.6	0.01374
12:00	18.1	17.9	19.0	22.3	87.3	87.1	15.4	15.2	0.013509
13:00	17.5	17.1	18.9	22.3	79.0	78.5	14.8	14.4	0.01301
14:00	16.7	16.4	18.7	22.4	70.3	70.5	14.0	13.7	0.012393
15:00	16.4	16.1	18.8	22.7	66.1	67.0	13.7	13.5	0.012177
16:00	16.8	16.6	18.7	22.8	73.2	72.8	14.2	13.9	0.012508
17:00	17.2	16.9	19.1	22.9	72.4	72.1	14.5	14.2	0.012819
18:00	16.6	16.4	18.3	23.0	73.5	72.4	13.9	13.7	0.012285
19:00	16.4	16.0	17.6	23.0	82.5	77.1	13.9	13.5	0.012137
20:00	15.5	15.1	16.8	22.9	80.1	76.2	13.1	12.8	0.011433
21:00	13.3	13.0	15.0	22.7	73.9	70.2	11.4	11.2	0.009882
22:00	13.2	12.7	14.3	22.5	82.1	73.9	11.4	11.0	0.009819
23:00	12.6	12.2	13.5	22.2	86.8	77.4	11.0	10.7	0.009439
Avg	16.4	16.2	17.7	22.7	80.8	77.6	13.9	13.7	0.01214
Max	18.4	18.4	19.1	23.6	94.6	95.3	15.7	15.7	0.01374
Hr. of Max	11	10	17	00	09	09	11	10	11
Min	12.6	12.2	13.5	22.2	66.1	64.6	11.0	10.7	0.009439
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/3/2014

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	0.011911	18.0	18.5	.00	29.06	984.0	-3.2	.00	40.0
01:00	0.012015	17.9	18.6	.00	29.04	983.3	-1.9	.00	283.3
02:00	0.011928	18.8	18.5	.00	29.02	982.6	-2.0	.00	254.4
03:00	0.011879	19.3	18.4	.00	28.99	981.9	-2.9	.00	255.9
04:00	0.011529	18.2	17.9	.00	28.97	981.0	-1.5	.00	219.2
05:00	0.011343	17.8	17.6	.00	28.94	980.2	-2.4	.00	202.3
06:00	0.011713	18.3	18.1	.07	28.94	980.0	-1.3	.00	201.5
07:00	0.012949	20.0	20.0	.10	28.95	980.4	-.9	.00	218.3
08:00	0.013251	20.4	20.5	.13	28.96	980.7	6.9	.01	223.9
09:00	0.013569	20.9	20.9	.08	28.96	980.8	14.3	.02	228.1
10:00	0.01372	21.1	21.2	.00	28.97	981.1	55.8	.08	246.0
11:00	0.01367	21.2	21.1	.00	28.97	981.2	131.7	.19	220.0
12:00	0.013355	20.9	20.6	.00	28.97	981.1	202.8	.29	221.7
13:00	0.012688	20.1	19.6	.00	28.95	980.5	398.1	.57	217.8
14:00	0.012103	19.1	18.7	.00	28.93	979.7	467.3	.67	222.0
15:00	0.011928	18.8	18.4	.00	28.91	979.1	451.5	.65	218.5
16:00	0.01227	19.3	18.9	.01	28.91	979.2	288.0	.41	218.8
17:00	0.012541	19.8	19.3	.00	28.91	979.0	283.8	.41	224.7
18:00	0.012105	19.0	18.7	.00	28.91	979.0	80.7	.12	228.0
19:00	0.011822	18.7	18.3	.00	28.91	979.2	1.5	.00	241.9
20:00	0.011146	17.7	17.2	.01	28.93	979.6	-1.8	.00	256.4
21:00	0.009691	15.3	15.0	.00	28.94	980.2	-2.6	.00	258.6
22:00	0.009462	15.2	14.7	.00	28.97	981.0	-1.5	.00	253.1
23:00	0.009183	14.7	14.3	.00	28.98	981.4	-1.3	.00	238.7
Avg	0.01199	18.8	18.5	.02	28.96	980.7	98.3	.14	233.0
Max	0.01372	21.2	21.2	.13	29.06	984.0	467.3	.67	283.3
Hr. of Max	10	11	10	08	00	00	14	14	01
Min	0.009183	14.7	14.3	.00	28.91	979.0	-3.2	.00	40.0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/3/2014

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	232.7	189.7	52.8	190.1	49.0	46.5	13.2	.2	.7
01:00	222.6	206.2	282.8	206.7	44.6	31.2	12.6	.8	2.3
02:00	231.2	206.1	264.6	206.2	27.2	21.9	18.2	1.6	3.1
03:00	235.9	211.4	264.4	212.4	37.9	22.0	15.9	1.6	3.4
04:00	214.9	206.9	232.3	207.7	24.7	17.1	13.3	3.9	6.8
05:00	205.9	197.6	214.1	198.2	30.9	22.5	18.5	4.3	6.7
06:00	208.5	197.7	215.8	198.3	30.6	22.6	17.9	4.5	6.9
07:00	213.6	199.8	229.9	199.9	37.1	27.5	19.9	3.1	5.5
08:00	226.2	219.6	236.5	220.8	25.5	17.4	12.7	4.3	7.1
09:00	234.8	231.0	240.6	232.2	23.5	13.7	10.0	2.7	4.9
10:00	248.5	245.4	257.1	246.2	21.8	14.2	10.1	4.8	8.1
11:00	226.4	223.5	232.0	224.9	22.6	15.0	10.7	5.0	8.1
12:00	227.8	226.1	233.6	227.5	22.8	14.9	10.8	5.9	8.9
13:00	224.2	222.8	230.5	224.2	22.9	16.2	11.7	6.7	10.2
14:00	226.5	223.6	234.1	225.1	21.9	16.1	12.7	7.6	10.9
15:00	223.6	222.2	230.5	223.7	23.7	16.6	12.8	7.3	10.7
16:00	227.5	224.4	230.5	226.9	27.1	17.6	12.5	6.1	10.2
17:00	233.3	229.3	236.2	231.9	20.0	14.6	11.0	5.2	7.8
18:00	228.9	222.9	239.7	225.7	21.5	13.3	8.9	3.5	6.1
19:00	231.2	220.2	252.6	222.6	21.6	15.0	11.9	2.7	5.2
20:00	265.8	268.3	266.8	269.9	25.7	18.7	14.6	4.5	7.6
21:00	267.6	269.3	269.3	270.9	19.9	14.8	12.3	4.9	7.6
22:00	262.9	265.4	264.1	267.2	18.2	11.8	10.2	3.9	6.5
23:00	238.2	250.2	248.8	252.3	24.7	15.3	13.8	1.9	3.9
Avg	231.0	223.0	244.0	225.0	26.9	19.0	13.2	.0	.0
Max	267.6	269.3	282.8	270.9	49.0	46.5	19.9	7.6	10.9
Hr. of Max	21	21	01	21	00	00	07	14	14
Min	205.9	189.7	52.8	190.1	18.2	11.8	8.9	.2	.7
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)

10/3/2014

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	2.6	.2	.7	2.7	.6	3.1	2.5	-.8	.04
01:00	4.7	1.0	2.5	4.8	1.3	5.3	1.4	-.7	.02
02:00	4.5	1.7	3.4	4.7	2.2	5.2	-.5	-.6	-.04
03:00	5.2	1.8	3.5	5.4	2.3	5.9	.8	.2	-.05
04:00	8.8	4.2	7.0	9.0	4.7	9.6	.3	-.9	-.14
05:00	8.8	4.9	7.2	9.3	5.6	9.9	-.6	-.9	-.24
06:00	9.2	5.0	7.4	9.7	5.7	10.4	.3	-.8	-.20
07:00	8.1	3.6	6.0	8.5	4.5	9.2	-.7	-1.6	-.32
08:00	9.6	4.7	7.6	10.0	5.4	10.6	.6	-.7	-.16
09:00	6.8	3.0	5.2	7.1	3.5	7.7	.6	-.1	-.09
10:00	10.9	5.1	8.3	11.1	5.9	11.8	-.8	.2	-.30
11:00	10.5	5.3	8.3	10.7	6.3	11.5	-.3	.3	-.23
12:00	11.1	6.3	9.2	11.3	7.1	12.1	-1.6	-.3	-.43
13:00	12.4	7.2	10.5	12.7	7.9	13.5	.0	.8	-.32
14:00	12.8	8.1	11.3	13.1	9.0	14.0	-1.3	.0	-.54
15:00	13.0	7.9	11.2	13.4	8.7	14.3	-.8	-.6	-.38
16:00	13.5	6.7	10.7	13.9	7.7	14.9	2.8	.5	-.02
17:00	10.0	5.5	8.1	10.2	6.1	11.0	-.8	.3	-.32
18:00	8.5	3.7	6.3	8.6	4.2	9.2	.2	1.1	-.12
19:00	7.7	2.9	5.5	8.0	3.4	8.5	-1.7	.6	-.16
20:00	10.0	5.0	8.0	10.4	5.5	10.9	-2.0	-.4	-.37
21:00	10.0	5.2	7.8	10.2	5.7	10.7	-1.3	.5	-.31
22:00	8.6	4.1	6.7	8.8	4.6	9.2	-.7	.6	-.16
23:00	5.6	2.2	4.4	6.0	2.7	6.5	1.0	1.8	.00
Avg	.0	4.4	7.0	9.2	5.0	9.8	-.1	-.1	-.20
Max	13.5	8.1	11.3	13.9	9.0	14.9	2.8	1.8	.04
Hr. of Max	16	14	14	16	14	16	16	23	00
Min	2.6	.2	.7	2.7	.6	3.1	-2.0	-1.6	-.54
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

10/3/2014

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	-.08	1.6	3.2	9.2	1.7	6.7	17.1	10.9
01:00	-.10	6.4	8.5	10.8	7.2	11.9	13.8	9.4
02:00	-.15	5.0	8.2	11.0	6.4	11.8	17.2	12.3
03:00	-.08	6.4	11.4	14.7	7.0	14.7	18.3	10.0
04:00	-.26	10.3	17.2	17.6	12.3	17.9	17.8	9.4
05:00	-.32	14.0	16.7	19.0	15.1	20.6	18.9	12.4
06:00	-.36	14.9	16.3	19.5	16.2	20.9	19.9	13.4
07:00	-.47	12.4	19.2	20.8	14.8	20.7	23.7	14.6
08:00	-.25	15.6	20.6	25.4	15.3	25.2	18.2	8.9
09:00	-.05	9.8	12.8	19.7	8.8	12.5	15.9	5.9
10:00	-.05	18.5	19.2	21.5	16.3	22.6	15.5	7.1
11:00	-.07	16.9	19.2	19.0	17.8	19.7	16.4	8.2
12:00	-.20	16.9	21.5	22.2	19.0	22.0	16.1	8.8
13:00	.04	19.5	20.8	22.0	23.2	24.1	17.9	8.9
14:00	-.15	18.3	33.2	37.1	20.0	23.4	15.5	9.4
15:00	-.29	22.2	26.6	30.0	23.9	26.8	15.9	9.4
16:00	-.05	23.4	22.0	36.6	23.6	26.9	18.5	9.0
17:00	-.05	18.1	20.6	24.7	14.5	18.8	16.4	7.9
18:00	.10	9.2	14.2	19.0	10.5	15.9	16.7	7.0
19:00	.07	7.8	10.8	19.2	7.9	15.5	11.5	5.1
20:00	-.26	16.3	18.3	21.3	17.1	24.9	15.3	9.8
21:00	-.09	15.6	21.1	25.4	15.5	25.2	14.3	9.6
22:00	.02	11.2	13.1	23.1	13.8	16.8	12.5	7.6
23:00	.12	7.6	12.6	18.5	8.1	15.4	12.0	7.7
Avg	-.12	13.2	17.0	21.1	14.0	19.2	16.5	9.3
Max	.12	23.4	33.2	37.1	23.9	26.9	23.7	14.6
Hr. of Max	23	16	14	14	15	16	07	07
Min	-.47	1.6	3.2	9.2	1.7	6.7	11.5	5.1
Count	24	24	24	24	24	24	24	24
Total								