Date Printed: 03/02/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/1/2017

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	12.6	12.9	13.2	13.9	.31	.68	1.37	.36	1.05
01:00	12.4	13.1	13.8	14.6	.69	1.39	2.21	.70	1.52
02:00	13.4	14.4	15.1	15.9	1.02	1.76	2.54	.75	1.52
03:00	17.1	17.7	17.8	18.0	.59	.66	.84	.08	.25
04:00	18.2	18.5	18.4	18.5	.32	.28	.37	-.04	.05
05:00	18.2	18.4	18.3	18.4	.25	.17	.20	-.08	-.06
06:00	18.1	18.3	18.2	18.2	.18	.07	.06	-.12	-.12
07:00	18.1	18.2	18.1	18.1	.13	.00	-.03	-.14	-.16
08:00	18.4	18.5	18.4	18.4	.12	.00	-.01	-.12	-.14
09:00	18.8	18.8	18.7	18.6	.06	-.10	-.13	-.16	-.19
10:00	19.4	19.5	19.3	19.2	.03	-.15	-.20	-.18	-.22
11:00	18.7	18.7	18.5	18.5	.02	-.15	-.19	-.18	-.22
12:00	16.5	16.5	16.4	16.4	.00	-.15	-.14	-.14	-.14
13:00	16.0	16.1	16.0	16.0	.10	.00	.02	-.11	-.09
14:00	14.3	14.3	14.3	14.3	.06	.03	.06	-.03	.00
15:00	14.8	15.0	15.0	15.0	.11	.11	.20	.00	.08
16:00	15.0	15.1	15.0	15.0	.02	-.07	-.06	-.09	-.08
17:00	15.0	15.1	15.1	15.2	.13	.13	.22	.00	.10
18:00	14.8	15.3	15.5	15.7	.52	.68	.96	.17	.44
19:00	14.5	15.1	15.3	15.5	.66	.79	1.02	.13	.37
20:00	13.7	14.1	14.0	14.1	.45	.39	.43	-.06	-.02
21:00	11.7	12.0	11.9	11.9	.36	.28	.29	-.08	-.08
22:00	10.2	10.7	10.7	10.7	.52	.46	.46	-.06	-.07
23:00	8.5	9.5	9.5	9.5	1.01	1.04	1.02	.03	.01
Avg	15.4	15.7	15.7	15.8	.32	.35	.48	.03	.16
Max	19.4	19.5	19.3	19.2	1.02	1.76	2.54	.75	1.52
Hr. of Max	10	10	10	10	02	02	02	02	02
Min	8.5	9.5	9.5	9.5	.00	-.15	-.20	-.18	-.22
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/1/2017

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	12.1	12.8	12.2	10.9	98.0	101.2	10.7	11.2	0.009026
01:00	11.9	13.1	12.1	10.9	98.1	101.2	10.6	11.4	0.008954
02:00	12.8	14.3	13.0	10.9	98.1	101.2	11.2	12.3	0.009534
03:00	16.4	16.8	16.6	11.0	97.1	96.4	13.9	14.3	0.012049
04:00	15.9	16.2	16.7	11.0	88.4	88.2	13.5	13.7	0.011686
05:00	15.5	15.8	16.4	11.2	86.2	86.3	13.2	13.4	0.01141
06:00	15.4	15.6	16.3	11.3	85.8	86.1	13.1	13.2	0.011324
07:00	15.2	15.4	16.2	11.5	84.8	85.2	12.9	13.1	0.011207
08:00	15.2	15.4	16.3	11.6	83.4	83.7	12.9	13.0	0.01119
09:00	15.4	15.4	16.5	11.8	82.2	82.2	13.0	13.1	0.01131
10:00	15.3	15.3	16.7	12.0	78.5	78.3	12.9	12.9	0.011267
11:00	14.6	14.6	15.9	12.2	78.4	78.3	12.4	12.4	0.010765
12:00	13.8	14.0	14.7	12.3	85.4	86.3	11.9	12.0	0.010222
13:00	14.0	14.2	14.6	12.7	89.4	90.1	12.0	12.1	0.010317
14:00	13.7	13.9	13.9	13.4	97.9	98.6	11.8	12.0	0.01014
15:00	14.2	14.5	14.4	13.5	97.3	98.6	12.2	12.4	0.010461
16:00	14.3	14.5	14.5	13.5	96.8	98.4	12.3	12.5	0.010528
17:00	14.3	14.6	14.6	13.5	97.3	98.4	12.3	12.5	0.010563
18:00	14.2	14.3	14.4	13.5	97.9	95.6	12.2	12.3	0.010467
19:00	13.4	13.3	13.8	13.4	94.8	90.3	11.6	11.5	0.009926
20:00	7.4	7.0	9.5	13.4	67.1	63.0	7.9	7.6	0.006658
21:00	2.5	1.7	5.5	13.3	54.0	50.1	5.6	5.3	0.004692
22:00	-3.5	-4.9	1.1	13.1	38.7	33.5	3.7	3.3	0.003033
23:00	-2.8	-4.9	.9	12.8	45.5	36.4	3.9	3.3	0.003169
Avg	12.1	12.2	13.2	12.3	84.2	83.7	11.2	11.3	0.009579
Max	16.4	16.8	16.7	13.5	98.1	101.2	13.9	14.3	0.012049
Hr. of Max	03	03	10	18	02	02	03	03	03
Min	-3.5	-4.9	.9	10.9	38.7	33.5	3.7	3.3	0.003033
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/1/2017

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	0.009506	14.1	14.8	.00	29.10	985.6	-2.4	.00	199.5
01:00	0.009667	14.0	15.1	.00	29.08	985.0	-2.6	.00	214.2
02:00	0.010512	14.9	16.4	.00	29.06	984.2	-2.5	.00	203.8
03:00	0.012403	18.7	19.2	.00	29.03	983.0	-2.1	.00	217.7
04:00	0.011899	18.1	18.4	.00	29.01	982.6	-1.8	.00	224.0
05:00	0.011596	17.7	18.0	.00	29.00	982.2	-2.6	.00	212.6
06:00	0.011496	17.6	17.8	.00	28.99	981.8	-1.7	.00	210.6
07:00	0.011353	17.4	17.6	.00	28.96	980.7	24.3	.03	211.8
08:00	0.011321	17.3	17.5	.00	28.98	981.5	16.5	.02	225.5
09:00	0.011354	17.5	17.6	.00	28.97	981.2	95.4	.14	207.5
10:00	0.011252	17.4	17.4	.01	28.95	980.5	113.4	.16	209.3
11:00	0.010771	16.7	16.7	.00	28.95	980.5	44.4	.06	247.5
12:00	0.010328	15.8	16.0	.00	28.94	980.0	37.7	.05	294.8
13:00	0.010461	16.0	16.2	.67	28.93	979.8	18.7	.03	245.7
14:00	0.010255	15.7	15.9	.30	28.91	979.0	19.3	.03	230.0
15:00	0.010678	16.2	16.5	.04	28.89	978.4	30.6	.04	230.8
16:00	0.010718	16.3	16.6	.00	28.91	979.0	80.0	.11	213.1
17:00	0.01077	16.4	16.7	.00	28.92	979.4	36.9	.05	230.2
18:00	0.010568	16.2	16.4	.00	28.94	980.2	8.3	.01	231.5
19:00	0.009857	15.4	15.3	.00	28.96	980.8	-2.4	.00	247.1
20:00	0.006441	10.4	10.1	.00	29.03	983.2	-2.5	.00	274.9
21:00	0.004455	7.4	7.0	.00	29.09	985.0	-2.2	.00	299.5
22:00	0.002723	4.8	4.3	.00	29.14	986.7	-2.2	.00	285.2
23:00	0.002729	5.0	4.3	.00	29.17	987.9	-2.2	.00	269.0
Avg	0.009713	14.9	15.1	.04	29.00	982.0	20.8	.03	233.0
Max	0.012403	18.7	19.2	.67	29.17	987.9	113.4	.16	299.5
Hr. of Max	03	03	03	13	23	23	10	10	21
Min	0.002723	4.8	4.3	.00	28.89	978.4	-2.6	.00	199.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/1/2017

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	223.8	245.6	239.1	241.4	20.4	7.5	10.4	1.1	3.1
01:00	237.1	246.0	227.6	241.7	24.1	9.1	6.8	1.5	2.9
02:00	224.7	226.0	212.7	222.1	36.6	13.0	8.9	2.7	6.1
03:00	220.2	216.7	217.6	212.5	20.7	15.6	12.7	7.7	11.1
04:00	226.0	221.7	223.7	217.7	21.5	16.2	12.3	8.5	11.9
05:00	216.5	212.9	212.6	208.8	20.9	16.7	13.0	8.4	11.5
06:00	215.6	211.8	211.0	207.4	22.3	17.9	13.4	8.1	11.3
07:00	216.2	211.4	212.4	206.9	22.1	18.7	16.8	8.2	10.7
08:00	230.4	226.0	225.8	222.2	20.3	14.9	11.4	9.0	13.1
09:00	213.8	210.9	208.3	206.7	20.5	15.8	12.7	8.5	11.5
10:00	214.9	210.8	209.8	206.5	20.5	17.5	14.0	10.5	13.6
11:00	255.1	249.1	247.6	244.2	25.6	23.1	20.5	6.9	9.1
12:00	301.4	300.6	284.5	292.7	59.5	39.7	27.7	2.9	5.1
13:00	257.7	260.9	245.2	255.6	59.3	43.0	29.7	4.4	6.3
14:00	241.4	240.7	231.3	235.1	21.1	15.4	12.4	5.9	8.5
15:00	236.6	232.9	232.5	226.1	24.3	14.6	11.1	5.6	8.8
16:00	219.0	216.7	214.1	212.5	19.6	15.5	11.0	5.4	8.0
17:00	238.5	233.8	232.3	229.6	19.1	11.1	8.1	3.3	5.8
18:00	229.4	221.0	233.9	217.2	14.9	7.5	5.4	3.3	6.2
19:00	242.0	229.6	247.2	225.1	20.6	14.8	14.7	4.2	6.3
20:00	289.1	294.9	273.4	287.8	34.7	29.0	25.4	5.9	8.1
21:00	310.5	309.5	293.7	300.7	48.8	35.5	28.2	4.9	7.6
22:00	309.8	315.4	279.2	306.0	66.6	45.2	33.8	2.4	3.9
23:00	304.5	316.7	266.6	309.6	60.6	49.8	47.1	1.6	3.0
Avg	242.0	241.0	236.0	236.0	30.2	21.1	17.0	.0	.0
Max	310.5	316.7	293.7	309.6	66.6	49.8	47.1	10.5	13.6
Hr. of Max	21	23	21	23	22	23	23	10	10
Min	213.8	210.8	208.3	206.5	14.9	7.5	5.4	1.1	2.9
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)

3/1/2017

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	3.3	1.2	3.1	3.5	1.6	3.7	.9	.2	-.02
01:00	5.4	1.6	3.0	5.5	2.0	5.7	2.2	1.0	.07
02:00	9.4	3.0	6.2	9.6	3.4	10.0	1.2	-.2	.00
03:00	14.5	8.1	11.5	14.9	8.7	15.7	1.3	-1.4	-.02
04:00	15.3	9.0	12.4	15.7	9.7	16.5	2.0	-.5	.08
05:00	14.7	8.9	12.0	15.1	9.7	15.9	2.2	-1.1	.13
06:00	14.5	8.7	11.8	14.9	9.6	15.6	2.2	-1.1	.11
07:00	13.3	8.7	11.2	13.8	9.4	14.5	-.3	-.5	-.24
08:00	16.2	9.5	13.5	16.5	10.4	17.3	.5	-1.0	-.16
09:00	14.9	9.1	11.9	15.3	9.7	16.0	1.1	-2.1	-.06
10:00	16.8	11.2	14.3	17.4	11.9	18.4	2.0	-.7	.10
11:00	11.4	8.4	11.0	13.8	8.8	14.4	.1	-.5	-.20
12:00	7.7	4.3	6.0	8.4	4.8	8.6	.1	-.9	-.29
13:00	8.3	6.0	7.8	9.6	6.5	10.0	-.9	.3	-.27
14:00	11.1	6.2	8.9	11.5	6.7	13.3	1.5	.4	-.04
15:00	11.8	6.0	9.1	12.0	6.5	14.1	1.8	1.1	.00
16:00	10.8	5.6	8.2	11.0	6.3	11.6	2.7	-.6	.15
17:00	8.1	3.5	6.0	8.2	3.9	8.7	.7	-.5	-.07
18:00	8.5	3.4	6.2	8.5	3.7	9.0	-1.0	-1.3	-.11
19:00	7.9	4.8	7.3	9.5	5.1	9.9	-1.6	-1.0	-.27
20:00	10.8	6.7	9.0	11.7	7.2	12.1	-.5	-1.1	-.46
21:00	10.2	6.0	8.5	11.1	6.7	11.7	.1	-.5	-.54
22:00	6.2	3.6	5.2	7.4	4.3	8.0	3.2	1.1	-.14
23:00	3.9	2.9	4.1	4.9	3.4	5.5	.3	-.2	-.12
Avg	.0	6.1	8.7	11.2	6.7	11.9	.9	-.5	-.10
Max	16.8	11.2	14.3	17.4	11.9	18.4	3.2	1.1	.15
Hr. of Max	10	10	10	10	10	10	22	22	16
Min	3.3	1.2	3.0	3.5	1.6	3.7	-1.6	-2.1	-.54
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)

3/1/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	36_SonicTemp_015m	37_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.01	5.5	5.5	8.5	7.9	4.6	13.9	14.7
01:00	.09	3.9	8.9	13.1	5.3	4.2	14.2	15.5
02:00	-.13	11.7	16.5	21.8	11.1	4.9	15.6	16.7
03:00	-.56	22.0	25.0	30.2	14.3	8.5	18.9	18.8
04:00	-.36	22.9	28.6	29.5	14.9	9.9	19.6	19.2
05:00	-.54	25.2	25.6	32.3	15.5	9.8	19.5	19.1
06:00	-.54	22.0	27.9	38.0	16.0	10.4	19.4	18.9
07:00	-.42	27.0	25.0	27.5	15.7	12.7	19.3	18.8
08:00	-.51	24.3	28.2	34.1	14.1	9.0	19.5	19.0
09:00	-.81	27.9	29.3	32.7	15.2	10.0	19.9	19.3
10:00	-.48	28.2	29.8	31.8	15.5	10.5	20.5	19.9
11:00	-.33	29.1	37.1	33.4	16.6	11.4	19.7	19.1
12:00	-.49	16.9	19.0	20.8	21.1	15.6	17.5	17.0
13:00	-.23	27.0	33.9	32.7	15.1	14.8	17.1	16.7
14:00	.59	19.5	29.1	37.3	15.3	9.7	15.5	15.5 R
15:00	.78	17.6	20.2	24.5	15.8	9.2	16.2	16.3
16:00	-.24	14.2	16.7	22.9	14.7	8.0	16.2	15.6
17:00	-.12	8.7	17.6	21.8	14.1	5.3	16.2	15.9
18:00	-.22	7.8	11.4	13.3	8.7	3.8	16.3	16.4
19:00	-.32	15.3	20.4	24.3	10.7	7.0	16.1	16.1
20:00	-.84	19.2	25.2	27.9	21.2	17.9	14.6	14.2
21:00	-.88	29.1	29.8	38.5	24.5	20.4	12.3	11.8
22:00	-.38	22.0	27.0	29.1	27.2	21.6	10.7	10.4
23:00	-.16	12.4	19.9	22.2	22.1	24.5	9.6	9.2
Avg	-.30	19.1	23.2	27.0	15.5	11.0	16.6	16.4
Max	.78	29.1	37.1	38.5	27.2	24.5	20.5	19.9
Hr. of Max	15	21	11	21	22	23	10	10
Min	-.88	3.9	5.5	8.5	5.3	3.8	9.6	9.2
Count	24	24	24	24	24	24	24	24
Total								