Date Printed: 06/03/2016 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2016

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	19.8	20.1	20.6	21.0	.29	.80	1.26	.52	.98
01:00	19.4	20.1	20.6	20.9	.64	1.15	1.44	.52	.80
02:00	19.0	19.9	20.1	20.5	.83	1.05	1.47	.23	.64
03:00	18.8	19.3	19.7	20.2	.54	.94	1.37	.41	.83
04:00	18.7	19.3	19.5	19.9	.67	.86	1.21	.19	.54
05:00	19.0	19.6	19.7	19.8	.55	.63	.77	.09	.23
06:00	19.3	19.8	20.0	20.1	.47	.64	.73	.16	.26
07:00	19.9	20.0	20.0	20.1	.12	.14	.21	.02	.09
08:00	21.3	21.0	20.8	20.7	-.29	-.49	-.55	-.20	-.27
09:00	23.2	22.8	22.5	22.4	-.48	-.74	-.81	-.26	-.33
10:00	25.6	24.7	24.3	24.2	-.86	-1.23	-1.33	-.37	-.46
11:00	26.6	25.7	25.3	25.2	-.93	-1.29	-1.37	-.36	-.44
12:00	27.7	26.7	26.5	26.3	-.91	-1.18	-1.33	-.28	-.43
13:00	28.1	27.2	26.9	26.8	-.86	-1.15	-1.29	-.29	-.43
14:00	29.0	27.9	27.6	27.5	-1.10	-1.40	-1.45	-.29	-.35
15:00	28.2	27.5	27.3	27.2	-.64	-.91	-.96	-.27	-.32
16:00	25.9	25.4	25.2	25.1	-.51	-.73	-.78	-.22	-.27
17:00	25.0	24.7	24.4	24.3	-.39	-.66	-.76	-.27	-.37
18:00	24.5	24.1	23.9	23.8	-.41	-.69	-.77	-.28	-.36
19:00	24.3	24.1	23.8	23.7	-.29	-.56	-.65	-.27	-.36
20:00	22.4	22.4	22.3	22.2	.05	-.07	-.11	-.12	-.16
21:00	21.0	21.5	21.6	21.6	.55	.57	.62	.02	.06
22:00	20.2	20.8	21.1	21.3	.59	.89	1.07	.30	.48
23:00	19.6	20.3	20.7	20.9	.61	1.03	1.23	.42	.62
Avg	22.8	22.7	22.7	22.7	-.07	-.10	-.03	-.03	.04
Max	29.0	27.9	27.6	27.5	.83	1.15	1.47	.52	.98
Hr. of Max	14	14	14	14	02	01	02	01	00
Min	18.7	19.3	19.5	19.8	-1.10	-1.40	-1.45	-.37	-.46
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2016

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	17.6	17.8	18.3	24.3	89.0	88.7	14.9	15.1	0.01296
01:00	17.5	17.8	18.1	24.0	90.3	88.7	14.8	15.1	0.012889
02:00	17.4	17.9	17.9	23.8	92.0	90.2	14.8	15.2	0.012811
03:00	17.3	17.9	17.8	23.6	93.1	93.6	14.7	15.3	0.012756
04:00	17.4	18.1	17.8	23.4	94.2	94.7	14.8	15.5	0.012815
05:00	17.8	18.2	18.2	23.2	94.4	93.6	15.1	15.5	0.013141
06:00	18.0	18.4	18.4	23.0	93.8	93.9	15.3	15.7	0.013299
07:00	18.4	18.6	18.9	22.9	93.1	93.7	15.7	15.9	0.013675
08:00	18.6	18.6	19.5	22.7	87.0	88.3	15.9	15.8	0.013884
09:00	18.8	18.1	20.3	22.6	78.2	76.8	16.0	15.2	0.01406
10:00	18.5	17.7	20.8	22.6	66.6	66.6	15.5	14.8	0.013782
11:00	18.6	17.8	21.2	22.8	63.1	63.3	15.6	14.9	0.013867
12:00	18.4	17.8	21.5	23.1	58.7	59.5	15.4	14.8	0.013731
13:00	18.5	17.9	21.7	23.5	57.8	58.5	15.5	14.9	0.01385
14:00	18.7	18.0	22.1	23.9	55.3	56.4	15.6	15.0	0.014009
15:00	19.3	18.9	22.3	24.2	60.5	61.0	16.3	15.9	0.01462
16:00	19.8	19.3	21.8	24.5	70.7	70.7	16.8	16.3	0.014988
17:00	18.1	17.8	20.4	24.6	67.2	67.1	15.2	14.9	0.013507
18:00	17.3	16.9	19.7	24.7	65.7	65.7	14.5	14.2	0.012816
19:00	17.3	17.0	19.6	24.7	66.3	66.5	14.4	14.2	0.012754
20:00	17.8	17.8	19.3	24.6	77.2	76.8	15.0	15.0	0.013182
21:00	18.0	18.1	19.0	24.5	84.9	82.4	15.3	15.3	0.01334
22:00	17.9	18.3	18.7	24.3	88.7	87.7	15.2	15.6	0.013257
23:00	17.9	18.5	18.5	24.1	91.8	91.9	15.2	15.8	0.013243
Avg	18.1	18.1	19.7	23.7	78.3	78.2	15.3	15.2	0.013468
Max	19.8	19.3	22.3	24.7	94.4	94.7	16.8	16.3	0.014988
Hr. of Max	16	16	15	19	05	04	16	16	16
Min	17.3	16.9	17.8	22.6	55.3	56.4	14.4	14.2	0.012754
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)

6/2/2016

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	0.013146	20.1	20.4	.00	29.13	986.3	-2.9	.00	240.8
01:00	0.01316	20.0	20.4	.00	29.13	986.4	-2.4	.00	244.0
02:00	0.01322	19.9	20.5	.00	29.12	986.1	-1.3	.00	248.8
03:00	0.01326	19.8	20.6	.00	29.12	986.2	-1.1	.00	236.9
04:00	0.013436	19.9	20.9	.00	29.13	986.4	-2.0	.00	300.3
05:00	0.01348	20.4	20.9	.00	29.12	986.2	-3.0	.00	36.7
06:00	0.013701	20.7	21.3	.00	29.13	986.5	4.7	.01	307.1
07:00	0.013865	21.2	21.5	.00	29.15	987.1	73.3	.11	329.4
08:00	0.013839	21.6	21.5	.00	29.16	987.4	186.3	.27	4.8
09:00	0.013393	21.8	20.8	.00	29.17	987.8	504.5	.72	181.9
10:00	0.013093	21.4	20.4	.00	29.17	987.8	715.3	1.03	213.8
11:00	0.013175	21.5	20.5	.00	29.17	987.8	695.3	1.00	181.9
12:00	0.013197	21.3	20.5	.00	29.17	987.7	692.2	.99	244.4
13:00	0.013336	21.5	20.7	.00	29.15	987.2	601.8	.86	199.4
14:00	0.013404	21.7	20.8	.00	29.12	986.3	861.9	1.24	222.9
15:00	0.014217	22.6	22.0	.00	29.11	985.7	254.5	.36	256.2
16:00	0.014526	23.2	22.5	.00	29.10	985.3	290.0	.42	258.4
17:00	0.013185	21.0	20.5	.00	29.12	986.0	258.4	.37	194.9
18:00	0.012505	19.9	19.4	.00	29.11	985.9	239.6	.34	193.2
19:00	0.012568	19.8	19.5	.00	29.12	986.2	190.5	.27	187.4
20:00	0.013155	20.5	20.4	.00	29.12	986.0	14.2	.02	194.8
21:00	0.013393	20.7	20.8	.00	29.14	986.9	-2.3	.00	266.6
22:00	0.013597	20.6	21.1	.00	29.16	987.4	-3.3	.00	295.8
23:00	0.013785	20.6	21.4	.00	29.16	987.6	-3.3	.00	331.2
Avg	0.013402	20.9	20.8	.00	29.14	986.7	231.7	.33	244.0
Max	0.014526	23.2	22.5	.00	29.17	987.8	861.9	1.24	331.2
Hr. of Max	16	16	16	23	12	11	14	14	23
Min	0.012505	19.8	19.4	.00	29.10	985.3	-3.3	.00	4.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2016

Interval: 001h

	41_WDir_035m	42_WDir_060m	46_SWDir_015m	50_Sigma_015m	51_Sigma_035m	52_Sigma_060m	55_RWSpd_015m	56_RWSpd_035m	57_RWSpd_060m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	MPH
00:00	256.4	251.6	243.9	17.7	14.3	8.3	1.7	3.0	4.4
01:00	225.5	231.3	246.0	17.7	14.7	13.5	1.9	2.8	2.4
02:00	251.4	232.6	251.9	18.8	10.4	5.4	1.6	2.6	4.0
03:00	219.1	221.7	241.5	16.6	12.2	10.3	1.9	2.8	3.0
04:00	253.0	179.0	300.9	29.9	17.5	15.5	.9	1.1	2.2
05:00	59.0	74.9	35.3	24.1	16.3	9.3	1.0	2.1	2.7
06:00	12.9	68.4	306.6	46.4	31.5	12.3	.8	1.1	1.1
07:00	7.7	37.1	328.0	40.5	15.2	13.1	.6	1.7	1.8
08:00	1.8	13.8	359.9	34.2	20.1	21.3	1.4	1.9	1.8
09:00	236.6	212.1	215.0	56.1	50.2	51.2	.9	.9	1.0
10:00	222.5	215.7	220.0	44.0	40.9	32.1	2.2	2.9	3.3
11:00	191.2	187.3	188.3	58.1	56.6	43.6	1.9	2.0	2.6
12:00	252.4	246.5	245.3	47.8	41.4	47.4	1.3	1.8	1.9
13:00	202.0	194.4	203.4	39.5	34.5	30.1	2.5	3.0	3.4
14:00	243.3	244.1	230.2	46.2	37.7	32.9	2.4	2.9	3.1
15:00	257.7	250.9	260.1	29.2	19.4	13.9	2.1	3.5	4.5
16:00	263.9	263.0	261.8	27.5	24.4	23.9	2.3	3.4	4.4
17:00	205.7	203.1	200.5	22.5	20.3	16.7	4.3	5.6	6.7
18:00	199.9	196.4	198.3	21.9	18.8	18.2	2.7	3.4	3.7
19:00	197.3	194.3	193.8	22.5	19.3	15.1	4.2	5.3	6.3
20:00	181.4	177.3	198.6	48.5	26.1	17.3	1.5	2.5	3.4
21:00	227.0	202.4	270.4	31.5	31.6	15.2	1.4	2.1	3.1
22:00	218.9	189.0	288.1	30.9	30.3	14.1	.5	.6	1.4
23:00	236.5	133.6	324.3	27.6	20.6	17.7	.6	.2	1.2
Avg	233.0	207.0	249.0	33.3	26.0	20.8	.0	.0	.0
Max	263.9	263.0	359.9	58.1	56.6	51.2	4.3	5.6	6.7
Hr. of Max	16	16	08	11	11	09	17	17	17
Min	1.8	13.8	35.3	16.6	10.4	5.4	.5	.2	1.0
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)

6/2/2016

Interval: 001h

	58_WSpd_015m	59_WSpd_035m	60_WSpd_060m	66_HSSpd_015m	67_HSSpd_060m	70_WElev_015m	71_WElev_060m	72_VSSpd_015m	73_VSSpd_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	MPH	MPH
00:00	1.9	3.1	4.9	2.3	5.0	-1.4	.8	-.06	.06
01:00	2.0	2.9	2.7	2.4	2.9	-.2	.6	-.04	.02
02:00	1.7	2.7	4.0	2.0	4.3	-1.4	-.9	-.06	-.07
03:00	2.1	2.8	3.3	2.3	3.5	-.3	-.5	-.04	-.01
04:00	1.6	1.9	2.6	1.7	2.8	.7	-.3	-.02	-.05
05:00	1.1	2.2	2.7	1.3	2.9	-.3	.8	-.06	.03
06:00	1.0	1.3	1.1	1.3	1.5	-.1	.6	-.01	.02
07:00	.8	1.7	1.9	1.1	2.2	-5.3	-1.0	-.12	-.01
08:00	1.6	2.0	1.9	2.0	2.3	-4.2	-5.6	-.26	-.23
09:00	1.1	1.2	1.3	1.6	1.9	-.8	1.7	-.02	.19
10:00	3.1	3.5	3.8	3.6	4.3	-1.0	-5.4	-.17	-.47
11:00	2.8	3.0	3.5	3.4	3.9	4.0	1.5	.12	-.05
12:00	2.9	3.0	3.1	3.5	3.7	-.9	3.1	.00	.12
13:00	3.2	3.5	3.8	3.7	4.4	-.6	-1.0	-.11	-.23
14:00	3.0	3.3	3.5	3.7	4.1	-3.3	-2.3	-.23	-.33
15:00	2.5	3.8	4.8	2.9	5.1	4.7	-.5	.04	-.12
16:00	3.0	4.3	5.5	3.5	5.7	-1.1	-3.0	-.17	-.30
17:00	4.7	6.0	7.1	5.2	7.5	1.6	-1.3	-.07	-.35
18:00	3.1	3.7	4.1	3.6	4.4	.4	-.6	-.07	-.07
19:00	4.5	5.6	6.5	5.0	6.9	.9	-1.6	-.08	-.29
20:00	1.7	2.8	3.7	2.1	4.0	6.2	.1	.12	.00
21:00	1.5	2.4	3.4	1.8	3.6	-1.0	-1.6	-.09	-.13
22:00	.6	.7	1.6	.8	1.8	-.3	-2.1	-.02	-.07
23:00	.9	1.1	1.6	1.0	1.9	1.5	-.2	.04	-.02
Avg	2.2	2.9	3.4	2.6	3.8	-.1	-.8	-.06	-.10
Max	4.7	6.0	7.1	5.2	7.5	6.2	3.1	.12	.19
Hr. of Max	17	17	17	17	17	20	12	20	09
Min	.6	.7	1.1	.8	1.5	-5.3	-5.6	-.26	-.47
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/2/2016

Interval: 001h

	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	82_SPkWsH_015m	83_SPkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	4.1	8.2	9.8	4.9	9.7	8.2	4.7	21.4	22.1
01:00	5.0	6.0	6.9	4.5	5.6	6.9	6.0	21.4	21.9
02:00	5.3	6.0	6.2	4.6	6.1	5.0	2.4	21.1	21.6
03:00	3.9	4.8	7.3	4.4	6.4	5.7	4.1	20.6	21.2
04:00	2.7	3.9	5.5	3.1	6.0	9.3	7.8	20.6	20.9
05:00	3.2	4.1	4.6	3.5	4.9	10.7	4.7	20.9	20.8
06:00	2.3	5.3	6.0	2.4	3.5	9.2	10.1	21.1	21.1
07:00	3.4	4.8	4.8	3.8	5.0	14.7	7.9	21.4	21.2
08:00	5.0	5.7	5.0	6.0	5.8	21.3	18.7	22.4	21.8
09:00	5.3	4.6	6.9	5.4	6.7	29.6	35.3	24.1	23.5
10:00	10.3	9.4	10.1	10.0	12.2	24.7	26.8	25.8	25.0
11:00	9.8	11.2	10.5	10.9	10.1	26.2	28.7	26.8	26.1
12:00	16.5	11.4	11.7	10.4	10.5	25.1	27.1	27.9	27.1
13:00	7.8	8.9	8.5	9.4	9.3	21.4	22.9	28.3	27.6
14:00	7.6	9.2	9.2	9.2	10.1	24.3	26.8	28.9	28.2
15:00	7.8	7.8	8.2	8.0	9.4	22.0	11.1	28.8	28.0
16:00	12.8	12.8	14.4	13.3	13.7	19.3	12.6	26.8	26.2
17:00	22.4	22.2	21.5	22.9	22.3	17.9	12.3	25.8	25.1
18:00	9.6	7.8	9.4	7.9	9.0	18.0	13.4	25.2	24.6
19:00	8.9	10.8	11.9	10.5	12.7	17.3	11.8	25.2	24.5
20:00	7.3	10.1	11.0	7.6	9.5	20.2	11.3	23.7	23.2
21:00	3.7	5.5	6.9	4.5	7.4	11.6	8.1	22.9	22.7
22:00	2.3	3.4	4.8	2.5	3.4	8.9	7.3	22.1	22.4
23:00	3.0	2.7	4.4	2.9	4.6	9.3	10.6	21.6	22.0
Avg	7.1	7.8	8.6	7.2	8.5	16.1	13.9	24.0	23.7
Max	22.4	22.2	21.5	22.9	22.3	29.6	35.3	28.9	28.2
Hr. of Max	17	17	17	17	17	09	09	14	14
Min	2.3	2.7	4.4	2.4	3.4	5.0	2.4	20.6	20.8
Count	24	24	24	24	24	24	24	24	24
Total									