Date Printed: 06/06/2016 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2016

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	20.7	21.0	21.1	21.2	.27	.36	.45	.09	.18
01:00	21.3	21.3	21.2	21.3	.01	-.07	.01	-.08	.00
02:00	21.1	21.1	21.0	21.1	.03	-.03	.07	-.06	.03
03:00	21.0	21.0	20.9	21.0	.02	-.07	.00	-.09	-.02
04:00	20.1	20.1	20.1	20.1	.03	-.03	.05	-.07	.02
05:00	19.6	19.8	19.8	20.0	.14	.18	.34	.04	.20
06:00	19.8	19.7	19.7	19.9	-.03	-.05	.11	-.02	.14
07:00	19.9	19.8	19.7	19.9	-.11	-.20	-.09	-.09	.03
08:00	20.5	20.3	20.2	20.2	-.17	-.31	-.30	-.15	-.14
09:00	21.2	21.0	20.9	20.9	-.19	-.37	-.36	-.18	-.17
10:00	21.7	21.5	21.4	21.4	-.18	-.35	-.36	-.18	-.19
11:00	22.2	22.0	21.8	21.8	-.21	-.40	-.41	-.18	-.20
12:00	22.9	22.6	22.4	22.3	-.28	-.53	-.55	-.25	-.27
13:00	23.7	23.4	23.1	23.1	-.33	-.59	-.63	-.26	-.30
14:00	23.5	23.3	23.1	23.0	-.21	-.43	-.49	-.22	-.28
15:00	21.4	21.3	21.1	21.1	-.09	-.24	-.23	-.15	-.14
16:00	21.4	21.0	20.8	20.8	-.36	-.59	-.63	-.22	-.27
17:00	23.0	22.5	22.2	22.1	-.47	-.74	-.82	-.27	-.35
18:00	23.9	23.5	23.2	23.1	-.38	-.67	-.75	-.29	-.37
19:00	23.0	22.8	22.6	22.6	-.14	-.36	-.40	-.22	-.26
20:00	22.3	22.3	22.1	22.1	-.02	-.19	-.25	-.17	-.23
21:00	21.3	21.6	21.5	21.4	.28	.18	.14	-.10	-.14
22:00	20.2	20.7	20.9	21.0	.52	.71	.77	.20	.25
23:00	19.4	20.1	20.5	20.6	.71	1.08	1.18	.37	.48
Avg	21.5	21.4	21.3	21.3	-.05	-.15	-.13	-.11	-.08
Max	23.9	23.5	23.2	23.1	.71	1.08	1.18	.37	.48
Hr. of Max	18	18	18	18	23	23	23	23	23
Min	19.4	19.7	19.7	19.9	-.47	-.74	-.82	-.29	-.37
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2016

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	19.9	20.5	20.2	23.7	97.4	99.4	17.2	17.8	0.015126
01:00	20.4	20.7	20.7	23.4	97.4	99.2	17.7	18.0	0.01565
02:00	20.2	20.5	20.5	23.3	97.4	99.1	17.5	17.9	0.01547
03:00	20.1	20.4	20.4	23.1	97.0	98.8	17.4	17.7	0.015352
04:00	19.1	19.4	19.5	23.0	96.6	98.2	16.4	16.7	0.014438
05:00	18.8	19.2	19.1	22.9	97.4	99.1	16.1	16.5	0.014144
06:00	19.0	19.2	19.3	22.8	97.4	99.2	16.3	16.5	0.014288
07:00	19.2	19.3	19.4	22.7	97.4	99.2	16.4	16.6	0.014436
08:00	19.7	19.8	20.0	22.7	97.5	99.3	17.0	17.1	0.014951
09:00	20.4	20.5	20.7	22.6	97.4	99.3	17.7	17.8	0.015634
10:00	20.8	21.0	21.1	22.6	97.2	99.1	18.1	18.3	0.016064
11:00	20.9	20.8	21.3	22.6	94.7	95.6	18.2	18.1	0.01612
12:00	20.8	20.4	21.5	22.7	90.2	89.7	18.0	17.6	0.01601
13:00	20.3	19.9	21.4	22.8	83.3	82.8	17.4	17.0	0.015519
14:00	20.1	19.8	21.2	23.0	83.2	82.8	17.2	17.0	0.015347
15:00	19.7	19.7	20.2	23.3	92.6	93.4	16.9	17.0	0.01496
16:00	20.2	20.3	20.6	23.4	95.4	97.7	17.5	17.6	0.015491
17:00	20.3	20.0	21.2	23.4	87.4	88.2	17.5	17.2	0.01559
18:00	20.3	20.0	21.5	23.5	82.8	82.8	17.5	17.1	0.015608
19:00	20.3	20.2	21.2	23.6	87.0	87.4	17.5	17.4	0.015538
20:00	20.3	20.4	21.0	23.7	91.0	91.5	17.6	17.6	0.015588
21:00	20.0	20.2	20.4	23.7	94.8	94.1	17.3	17.4	0.015253
22:00	19.4	20.0	19.7	23.6	97.3	97.9	16.7	17.3	0.014675
23:00	18.6	19.6	18.9	23.5	97.4	99.2	15.9	16.9	0.013939
Avg	20.0	20.1	20.5	23.2	93.6	94.7	17.2	17.3	0.015216
Max	20.9	21.0	21.5	23.7	97.5	99.4	18.2	18.3	0.01612
Hr. of Max	11	10	18	21	08	00	11	10	11
Min	18.6	19.2	18.9	22.6	82.8	82.8	15.9	16.5	0.013939
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)

6/5/2016

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	0.015682	23.3	24.1	.43	28.98	981.4	-2.6	.00	259.7
01:00	0.01595	24.1	24.5	.04	28.96	980.8	-1.7	.00	195.6
02:00	0.01578	23.8	24.3	.00	28.94	980.2	-1.8	.00	214.2
03:00	0.015661	23.6	24.1	.24	28.94	980.1	-1.9	.00	231.6
04:00	0.014715	22.2	22.7	.02	28.94	980.1	-2.6	.00	225.6
05:00	0.014527	21.8	22.4	.00	28.94	980.1	-2.2	.00	231.2
06:00	0.01452	22.0	22.4	.01	28.95	980.4	7.0	.01	227.6
07:00	0.014595	22.2	22.5	.00	28.96	980.6	28.7	.04	235.3
08:00	0.015074	23.0	23.2	.10	28.96	980.8	58.5	.08	235.9
09:00	0.015747	24.0	24.2	.02	28.96	980.9	114.0	.16	222.9
10:00	0.016199	24.7	24.9	.02	28.96	980.9	125.8	.18	215.4
11:00	0.01606	24.8	24.7	.01	28.96	980.7	285.3	.41	215.0
12:00	0.015663	24.6	24.1	.00	28.96	980.7	369.0	.53	213.8
13:00	0.015117	23.9	23.3	.00	28.95	980.5	409.7	.59	208.4
14:00	0.015075	23.6	23.2	.00	28.94	980.1	222.4	.32	207.5
15:00	0.014974	23.0	23.0	.44	28.94	979.9	94.2	.14	230.3
16:00	0.015507	23.8	23.8	.00	28.93	979.7	247.1	.35	214.2
17:00	0.015301	23.9	23.5	.00	28.92	979.4	423.1	.61	185.9
18:00	0.015252	24.0	23.4	.00	28.92	979.4	292.8	.42	206.6
19:00	0.015475	23.9	23.8	.00	28.93	979.7	93.0	.13	191.2
20:00	0.015652	24.0	24.1	.00	28.95	980.3	25.1	.04	161.5
21:00	0.015413	23.5	23.7	.00	28.96	980.6	-2.4	.00	210.3
22:00	0.015236	22.6	23.5	.00	28.97	981.0	-2.2	.00	290.8
23:00	0.01483	21.5	22.9	.00	28.98	981.5	-2.1	.00	297.7
Avg	0.015334	23.4	23.6	.06	28.95	980.4	115.7	.17	220.0
Max	0.016199	24.8	24.9	.44	28.98	981.5	423.1	.61	297.7
Hr. of Max	10	11	10	15	23	23	17	17	23
Min	0.01452	21.5	22.4	.00	28.92	979.4	-2.6	.00	161.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

6/5/2016

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	208.9	181.4	261.6	31.9	40.8	22.8	1.6	3.0	4.5
01:00	201.5	198.0	200.1	24.8	15.8	11.4	2.8	4.7	6.9
02:00	217.7	213.7	219.4	22.8	14.4	9.7	2.4	4.8	7.2
03:00	235.7	232.3	236.5	22.7	15.6	12.4	4.0	6.6	9.2
04:00	230.6	229.5	229.8	26.8	16.3	11.5	2.7	4.8	6.6
05:00	214.0	197.9	235.2	21.3	14.4	10.0	1.4	3.1	4.7
06:00	228.0	220.8	232.4	21.1	10.3	7.3	1.9	3.9	5.8
07:00	236.7	225.7	240.1	18.6	10.3	6.5	1.6	3.2	4.8
08:00	243.6	237.1	241.2	27.8	15.0	10.7	1.7	3.2	4.8
09:00	228.2	222.6	228.2	19.8	12.9	8.6	2.9	4.9	6.9
10:00	220.8	217.7	220.8	22.2	14.8	10.5	3.2	5.5	7.5
11:00	223.1	220.5	221.9	22.4	14.7	10.3	5.0	7.6	9.8
12:00	218.9	216.3	219.5	23.3	16.7	12.9	5.5	8.2	10.2
13:00	216.1	214.3	214.6	24.0	17.9	13.7	6.1	8.4	10.6
14:00	213.6	210.8	213.7	23.1	16.9	12.9	4.9	7.0	8.8
15:00	237.8	236.2	237.0	33.9	24.5	22.3	3.3	5.5	7.5
16:00	219.7	215.9	219.3	23.5	16.2	14.9	2.9	4.2	5.2
17:00	198.2	200.5	192.1	20.0	15.9	14.3	4.0	4.8	5.5
18:00	215.7	214.8	212.6	23.7	20.7	15.4	3.5	4.7	5.6
19:00	199.5	196.1	197.7	27.1	14.9	10.1	3.0	4.4	5.7
20:00	161.0	159.3	167.3	28.2	27.5	21.1	1.7	2.5	3.2
21:00	189.8	172.0	217.4	38.6	29.4	19.9	.9	1.5	2.3
22:00	191.6	158.4	291.5	61.4	30.9	15.4	.5	.4	1.0
23:00	216.5	175.0	290.8	50.7	46.3	15.7	.6	.4	1.4
Avg	215.0	207.0	226.0	27.5	19.7	13.3	.0	.0	.0
Max	243.6	237.1	291.5	61.4	46.3	22.8	6.1	8.4	10.6
Hr. of Max	08	08	22	22	23	00	13	13	13
Min	161.0	158.4	167.3	18.6	10.3	6.5	.5	.4	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)

6/5/2016

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	2.6	3.5	4.9	2.9	5.2	2.3	-1.0	.02	-.22
01:00	3.1	4.9	7.1	3.5	7.3	1.0	-.3	-.05	-.13
02:00	2.7	5.0	7.3	3.2	7.6	1.7	.5	-.01	.01
03:00	4.4	7.2	9.9	4.8	10.3	-.4	.4	-.25	-.02
04:00	3.0	5.1	6.9	3.5	7.2	-1.2	.5	-.17	.03
05:00	1.6	3.2	4.8	2.0	5.0	1.1	-.7	.01	-.05
06:00	2.0	4.0	5.9	2.3	6.0	-.8	.3	-.06	.01
07:00	1.7	3.3	4.8	2.0	5.0	-2.4	-1.2	-.11	-.11
08:00	1.9	3.4	4.9	2.3	5.1	.3	.3	-.06	.00
09:00	3.1	5.0	7.0	3.5	7.2	.3	.2	-.10	-.04
10:00	3.5	5.7	7.6	3.9	7.9	2.5	1.0	.06	.05
11:00	5.3	7.8	10.0	5.9	10.3	.0	-1.2	-.21	-.32
12:00	5.8	8.4	10.4	6.5	10.9	2.1	-1.4	-.07	-.47
13:00	6.6	8.8	10.9	7.2	11.5	.7	-.2	-.16	-.25
14:00	5.3	7.3	9.0	5.8	9.5	.9	-2.0	-.20	-.46
15:00	4.2	6.4	8.5	4.7	8.8	.5	-.6	-.10	-.15
16:00	3.1	4.4	5.4	3.4	5.7	.7	.5	-.03	-.04
17:00	4.2	5.0	5.7	4.8	6.0	.5	-1.2	-.07	-.24
18:00	3.7	5.0	5.8	4.3	6.3	1.0	.1	-.02	-.12
19:00	3.2	4.5	5.8	3.7	6.0	2.9	-1.0	.04	-.15
20:00	1.9	2.7	3.3	2.4	3.7	3.6	1.5	.10	-.06
21:00	1.3	1.9	2.5	1.8	2.8	1.1	-2.4	.01	-.11
22:00	.7	.5	1.1	1.0	1.5	1.7	-1.4	.02	-.06
23:00	.6	.5	1.4	.9	1.7	.5	-1.2	.01	-.04
Avg	3.1	4.7	6.3	3.6	6.6	.9	-.4	-.06	-.12
Max	6.6	8.8	10.9	7.2	11.5	3.6	1.5	.10	.05
Hr. of Max	13	13	13	13	13	20	20	20	10
Min	.6	.5	1.1	.9	1.5	-2.4	-2.4	-.25	-.47
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)

6/5/2016

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	11.7	15.6	16.0	12.7	17.1	13.5	15.9	22.5	22.5
01:00	8.7	16.7	20.6	9.8	14.9	16.6	8.4	23.0	22.7
02:00	7.3	9.6	11.4	8.6	13.1	16.7	7.0	22.8	22.5
03:00	16.7	20.6	22.7	18.1	23.7	17.0	7.8	22.7	22.3
04:00	10.5	13.1	17.2	11.3	14.0	14.6	6.5	21.7	21.4
05:00	6.0	9.2	11.0	7.2	11.4	12.1	6.7	21.3	21.2
06:00	9.6	12.1	15.6	6.3	9.4	11.8	4.6	21.3	21.1
07:00	4.8	7.6	10.1	4.5	7.4	11.8	4.3	21.4	21.1
08:00	5.7	7.1	10.1	6.0	8.2	17.5	6.7	22.0	21.4
09:00	8.0	9.2	12.8	9.4	13.1	16.2	6.9	22.8	22.2
10:00	7.8	11.2	15.6	9.4	15.0	19.1	8.8	23.3	22.7
11:00	16.3	16.9	22.0	17.4	19.8	16.9	7.7	23.7	23.1
12:00	17.6	27.9	33.2	16.1	20.9	18.7	9.9	24.2	23.5
13:00	17.6	17.4	22.0	16.1	21.7	17.8	10.5	24.8	24.1
14:00	14.9	14.4	22.0	13.4	19.1	17.8	10.7	24.8	24.2
15:00	19.9	21.5	24.7	20.5	53.4	17.2	8.9	22.9	22.3
16:00	9.6	12.1	14.9	10.7	10.5	18.4	10.6	22.6	22.0
17:00	13.1	17.9	11.0	10.0	11.6	15.3	12.4	23.9	23.3
18:00	8.0	9.2	10.5	9.0	11.0	17.5	13.3	24.9	24.3
19:00	15.8	15.1	15.3	9.2	10.5	16.2	7.8	24.4	23.8
20:00	6.0	6.9	8.5	6.6	8.1	18.2	17.7	23.9	23.3
21:00	3.9	6.9	6.2	4.5	6.7	16.1	14.5	23.1	22.7
22:00	3.2	2.7	4.8	2.1	3.9	11.7	14.3	22.2	22.3
23:00	2.1	2.3	3.7	2.2	4.8	9.2	12.2	21.6	21.9
Avg	10.2	12.6	15.1	10.0	14.6	15.7	9.8	23.0	22.6
Max	19.9	27.9	33.2	20.5	53.4	19.1	17.7	24.9	24.3
Hr. of Max	15	12	12	15	15	10	20	18	18
Min	2.1	2.3	3.7	2.1	3.9	9.2	4.3	21.3	21.1
Count	24	24	24	24	24	24	24	24	24
Total									