Date Printed: 03/07/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2017

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	9.6	11.6	13.6	14.4	1.97	3.96	4.77	1.99	2.80
01:00	9.8	13.3	14.0	14.4	3.44	4.20	4.55	.75	1.11
02:00	13.2	14.5	14.6	14.8	1.33	1.45	1.62	.13	.30
03:00	13.4	14.2	14.3	14.5	.77	.89	1.03	.12	.27
04:00	9.8	11.8	12.7	13.0	1.95	2.90	3.17	.95	1.22
05:00	9.2	10.4	11.2	12.2	1.25	2.00	3.02	.75	1.77
06:00	9.0	10.2	10.7	11.9	1.27	1.70	2.88	.44	1.62
07:00	9.4	10.1	10.3	11.0	.76	.91	1.61	.15	.85
08:00	9.5	10.1	10.4	10.9	.58	.83	1.33	.25	.75
09:00	10.8	11.0	11.2	11.4	.20	.34	.58	.14	.37
10:00	12.6	12.5	12.3	12.3	-.09	-.22	-.23	-.13	-.14
11:00	15.0	14.8	14.5	14.5	-.21	-.44	-.51	-.23	-.30
12:00	16.3	16.1	15.8	15.7	-.25	-.50	-.61	-.25	-.36
13:00	18.0	17.6	17.4	17.2	-.38	-.65	-.78	-.26	-.39
14:00	19.2	18.8	18.5	18.4	-.40	-.67	-.81	-.27	-.41
15:00	19.6	19.3	19.1	19.0	-.23	-.47	-.59	-.25	-.36
16:00	19.7	19.6	19.4	19.3	-.06	-.27	-.37	-.21	-.31
17:00	19.2	19.3	19.2	19.1	.10	-.08	-.14	-.17	-.23
18:00	18.5	18.7	18.6	18.5	.18	.04	.00	-.14	-.18
19:00	17.9	18.1	18.0	18.0	.29	.18	.15	-.12	-.14
20:00	16.9	17.3	17.2	17.2	.38	.30	.31	-.09	-.08
21:00	16.1	16.6	16.6	16.6	.50	.46	.51	-.03	.01
22:00	15.7	16.2	16.2	16.2	.54	.50	.54	-.04	.00
23:00	15.3	16.0	16.0	16.1	.70	.74	.84	.04	.14
Avg	14.3	14.9	15.1	15.3	.61	.75	.95	.15	.35
Max	19.7	19.6	19.4	19.3	3.44	4.20	4.77	1.99	2.80
Hr. of Max	16	16	16	16	01	01	00	00	00
Min	9.0	10.1	10.3	10.9	-.40	-.67	-.81	-.27	-.41
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2017

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	2.2	.5	4.7	10.7	60.3	47.2	5.5	4.9	0.004512
01:00	2.7	-.4	5.1	10.6	61.8	39.6	5.7	4.5	0.004694
02:00	.1	-2.0	4.4	10.6	41.6	32.5	4.7	4.0	0.003912
03:00	-.2	-1.6	4.3	10.5	39.8	34.2	4.6	4.2	0.003827
04:00	6.3	3.0	7.5	10.5	80.6	56.7	7.4	5.8	0.006059
05:00	7.7	6.4	8.2	10.4	91.6	77.0	8.1	7.4	0.00665
06:00	7.9	7.2	8.3	10.4	94.3	82.7	8.2	7.8	0.006748
07:00	8.3	7.3		10.4	93.9	83.5	8.4	7.8	0.006897
08:00	8.5	6.9	8.8	10.4	94.1	81.4	8.5	7.6	0.006991
09:00	9.0	7.7	9.6	10.4	89.9	81.2	8.8	8.1	0.007275
10:00	8.4	7.5	9.8	10.4	77.3	72.9	8.4	7.9	0.007009
11:00	8.1	7.2	10.4	10.5	64.5	61.6	8.2	7.7	0.006855
12:00	7.4	6.7	10.4	10.7	56.3	54.4	7.8	7.4	0.006542
13:00	6.8	6.1	10.5	11.0	48.7	47.4	7.4	7.1	0.006299
14:00	6.2	5.6	10.5	11.3	43.6	42.6	7.1	6.8	0.006076
15:00	6.0	5.3	10.5	11.6	41.8	40.4	7.0	6.7	0.005972
16:00	5.9	5.3	10.5	11.9	41.3	39.9	6.9	6.7	0.005941
17:00	5.8	5.4	10.3	12.0	42.2	40.7	6.9	6.7	0.005915
18:00	6.0	5.7	10.2	12.1	44.8	43.2	7.0	6.9	0.005996
19:00	6.2	5.9	10.1	12.2	47.1	45.3	7.1	7.0	0.006044
20:00	6.4	6.2	9.9	12.1	50.7	48.8	7.2	7.1	0.006131
21:00	6.6	6.4	9.8	12.1	53.9	51.5	7.3	7.2	0.006201
22:00	6.5	6.2	9.5	12.0	55.0	52.2	7.3	7.2	0.006152
23:00	6.2	5.9	9.3	11.9	55.5	52.0	7.2	7.0	0.006061
Avg	6.0	5.0	8.8	11.1	61.3	54.5	7.2	6.7	0.006032
Max	9.0	7.7	10.5	12.2	94.3	83.5	8.8	8.1	0.007275
Hr. of Max	09	09	16	19	06	07	09	09	09
Min	-.2	-2.0	4.3	10.4	39.8	32.5	4.6	4.0	0.003827
Count	24	24	23	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2017

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	0.00403	7.2	6.4	.00	29.43	996.6	-2.8	.00	104.6
01:00	0.003773	7.5	6.0	.00	29.42	996.5	-3.9	-.01	225.0
02:00	0.003357	6.2	5.3	.00	29.42	996.3	-2.6	.00	232.0
03:00	0.003465	6.1	5.5	.00	29.42	996.4	-2.4	.00	221.5
04:00	0.004831	9.6	7.7	.01	29.43	996.6	-2.5	.00	234.8
05:00	0.006078	10.5	9.6	.00	29.43	996.7	-2.7	.00	72.6
06:00	0.006442	10.7	10.2	.00	29.44	996.8	-2.2	.00	87.4
07:00	0.006459	10.9	10.2	.01	29.44	997.0	11.0	.02	69.3
08:00	0.006283	11.1	10.0	.01	29.45	997.2	54.7	.08	58.7
09:00	0.006664	11.5	10.6	.00	29.45	997.4	84.1	.12	81.3
10:00	0.006574	11.1	10.4	.00	29.45	997.4	197.6	.28	53.5
11:00	0.006455	10.9	10.2	.00	29.44	996.9	352.7	.51	190.4
12:00	0.006221	10.4	9.9	.00	29.41	996.0	333.2	.48	188.8
13:00	0.005986	10.0	9.5	.00	29.37	994.8	486.4	.70	172.2
14:00	0.005792	9.6	9.2	.00	29.34	993.7	443.4	.64	179.1
15:00	0.005696	9.4	9.0	.00	29.32	992.9	293.5	.42	177.7
16:00	0.005707	9.4	9.0	.00	29.31	992.6	165.5	.24	183.4
17:00	0.005732	9.3	9.1	.00	29.31	992.6	48.6	.07	188.5
18:00	0.005851	9.5	9.2	.00	29.31	992.6	9.7	.01	181.3
19:00	0.00592	9.6	9.4	.00	29.31	992.7	-2.7	.00	183.5
20:00	0.006041	9.7	9.6	.00	29.32	992.9	-2.4	.00	201.2
21:00	0.00611	9.8	9.7	.00	29.32	993.0	-2.3	.00	214.5
22:00	0.006041	9.7	9.5	.00	29.32	992.8	-2.3	.00	217.7
23:00	0.005938	9.6	9.4	.00	29.30	992.3	-2.3	.00	218.4
Avg	0.005644	9.6	8.9	.00	29.38	995.0	102.1	.15	176.0
Max	0.006664	11.5	10.6	.01	29.45	997.4	486.4	.70	234.8
Hr. of Max	09	09	09	08	10	10	13	13	04
Min	0.003357	6.1	5.3	.00	29.30	992.3	-3.9	-.01	53.5
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2017

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	261.0	214.8	113.0	210.4	24.4	25.0	10.7	.3	2.3
01:00	221.9	209.7	237.4	205.2	34.8	11.2	9.6	1.8	4.9
02:00	232.0	223.0	233.6	218.8	18.2	13.4	11.5	4.0	6.5
03:00	225.0	216.9	223.4	213.1	15.5	10.4	8.9	4.0	6.6
04:00	245.6	231.0	248.0	226.9	37.8	13.7	12.1	1.4	4.0
05:00	59.1	228.1	58.1	184.8	16.6	38.9	44.1	.8	1.5
06:00	62.3	351.6	85.7	346.9	7.0	17.8	33.2	.4	1.0
07:00	61.3	77.0	50.3	69.1	17.1	12.1	7.6	.9	2.4
08:00	54.6	64.7	45.0	56.2	12.9	8.7	5.0	1.9	4.0
09:00	50.2	52.9	76.7	43.5	21.4	17.4	9.6	.6	2.1
10:00	37.2	64.9	18.5	56.2	26.9	24.8	29.7	.9	1.3
11:00	216.7	206.7	204.0	202.4	40.8	43.0	50.3	4.2	5.6
12:00	194.9	191.7	189.4	187.3	23.7	20.1	16.6	7.5	9.6
13:00	183.9	185.0	173.5	180.3	28.8	23.9	21.6	7.4	9.4
14:00	186.4	184.5	180.4	179.5	28.2	23.7	19.8	7.3	9.3
15:00	183.9	182.5	178.7	177.7	26.9	23.0	20.7	6.3	8.4
16:00	194.0	191.4	184.0	186.5	27.3	22.9	19.2	6.2	8.0
17:00	193.5	188.7	190.2	183.8	24.0	21.0	17.9	7.1	9.0
18:00	184.6	180.6	183.9	175.9	27.5	25.6	22.4	5.2	6.7
19:00	188.7	179.9	186.9	174.9	30.4	24.6	20.3	4.5	6.2
20:00	198.8	186.5	206.8	181.7	27.8	20.4	16.7	3.5	5.4
21:00	208.1	192.4	218.2	187.5	23.8	19.1	14.9	3.8	5.5
22:00	210.4	196.1	224.7	190.9	27.7	20.0	16.5	2.9	4.6
23:00	210.4	197.1	221.0	192.4	21.2	17.2	13.8	3.7	5.4
Avg	194.0	190.0	185.0	183.0	24.6	20.7	18.9	.0	.0
Max	261.0	351.6	248.0	346.9	40.8	43.0	50.3	7.5	9.6
Hr. of Max	00	06	04	06	11	11	11	12	12
Min	37.2	52.9	18.5	43.5	7.0	8.7	5.0	.3	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)

3/6/2017

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	5.4	.3	2.6	5.6	.8	5.9	2.3	-.9	.04
01:00	7.2	1.9	5.0	7.3	2.3	7.7	2.7	-1.3	.08
02:00	8.5	4.2	6.7	8.8	4.6	9.3	-.3	-1.2	-.10
03:00	8.6	4.2	6.7	8.7	4.6	9.2	-.4	-2.0	-.08
04:00	5.9	1.6	4.1	6.0	2.0	6.4	2.0	-1.1	.03
05:00	.3	.8	1.7	1.4	1.1	1.6	.0	1.5	-.01
06:00	.5	.4	1.1	.9	.8	1.1	3.0	1.0	.04
07:00	2.9	1.0	2.5	2.9	1.3	3.1	1.1	1.7	.00
08:00	4.4	1.9	4.1	4.5	2.1	4.7	-1.5	1.2	-.11
09:00	3.5	.7	2.2	3.5	1.0	3.8	1.0	-1.5	.00
10:00	1.4	1.0	1.4	1.6	1.4	1.9	-1.4	-1.0	-.06
11:00	7.2	4.8	6.2	7.6	5.3	8.1	.4	-8.6	.00
12:00	11.5	8.1	10.2	11.9	8.8	12.4	1.4	-.9	.00
13:00	11.3	8.1	10.2	12.1	9.0	12.6	2.4	-.8	.07
14:00	11.4	8.1	10.1	12.0	8.8	12.5	.6	-1.3	-.10
15:00	10.0	6.9	9.0	10.5	7.5	11.0	3.6	1.2	.20
16:00	9.6	6.8	8.5	10.1	7.2	10.6	2.5	1.2	.06
17:00	11.4	7.7	9.5	12.0	8.3	12.5	2.1	-.8	.09
18:00	8.8	5.7	7.3	9.4	6.3	9.9	4.1	-.3	.22
19:00	8.3	4.9	6.7	8.8	5.4	9.2	1.8	-.3	-.01
20:00	7.4	3.9	5.7	7.7	4.5	8.1	-.6	-2.7	-.18
21:00	7.8	4.1	5.9	8.1	4.6	8.4	-.6	-2.5	-.16
22:00	6.4	3.2	4.8	6.6	3.7	6.9	-1.7	-2.0	-.20
23:00	7.3	3.9	5.6	7.5	4.3	7.9	-.4	-2.4	-.11
Avg	.0	3.9	5.7	7.3	4.4	7.7	1.0	-1.0	-.01
Max	11.5	8.1	10.2	12.1	9.0	12.6	4.1	1.7	.22
Hr. of Max	12	14	13	13	13	13	18	07	18
Min	.3	.3	1.1	.9	.8	1.1	-1.7	-8.6	-.20
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/6/2017

Interval: 001h

	73_VSSpd_060m	79_PkWsH_015m	80_PkWsH_035m	81_PkWsH_060m	84_SigPhi_015m	85_SigPhi_060m	86_SonicTemp_015m	87_SonicTemp_060m
Hour	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:00	-.09	1.6	8.5	11.0	14.8	7.5	11.7	14.3
01:00	-.23	6.6	10.1	17.6	14.1	6.9	13.4	14.2
02:00	-.26	9.8	13.5	16.5	11.8	7.6	14.6	14.6
03:00	-.35	10.1	16.7	20.6	9.1	6.0	14.4	14.3
04:00	-.17	6.4	15.6	20.4	13.0	5.8	12.1	13.2
05:00	.05	2.3	4.6	10.3	7.9	5.4	10.9	12.2
06:00	.02	1.6	2.7	3.0	7.2	5.0	10.8	11.9
07:00	.08	2.3	3.7	4.8	8.3	3.2	10.7	11.2
08:00	.07	5.5	7.3	7.1	10.8	3.9	10.6	11.0
09:00	-.08	3.2	9.6	11.2	17.2	8.5	11.6	11.5
10:00	-.06	2.7	3.4	3.9	22.3	23.0	13.1	12.5
11:00	-1.02	19.7	21.8	21.8	22.6	20.1	15.2	14.6
12:00	-.55	22.7	22.9	24.0	16.1	14.5	16.5	15.7
13:00	-.50	24.3	25.0	26.8	18.1	15.3	17.9	17.1
14:00	-.59	19.2	22.9	27.2	16.3	14.2	19.0	18.2
15:00	-.12	18.3	20.8	22.7	19.0	16.4	19.6	18.9
16:00	-.11	22.4	24.3	22.9	17.2	14.8	19.9	19.2
17:00	-.45	19.0	21.1	25.2	16.8	14.5	19.7	19.1
18:00	-.42	21.1	20.4	26.3	20.8	16.4	19.1	18.5
19:00	-.29	16.7	17.9	26.1	19.5	15.7	18.6	18.1
20:00	-.53	11.7	13.3	20.4	17.1	12.8	17.8	17.3
21:00	-.52	12.8	15.3	22.7	15.9	11.3	17.1	16.8
22:00	-.38	9.8	10.3	12.6	15.6	12.8	16.7	16.3
23:00	-.43	13.3	16.3	21.5	13.8	10.0	16.5	16.3
Avg	-.29	11.8	14.5	17.8	15.2	11.3	15.3	15.3
Max	.08	24.3	25.0	27.2	22.6	23.0	19.9	19.2
Hr. of Max	07	13	13	14	11	10	16	16
Min	-1.02	1.6	2.7	3.0	7.2	3.2	10.6	11.0
Count	24	24	24	24	24	24	24	24
Total								