Date Printed: 03/03/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

3/2/2017

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	7.7	8.3	8.3	8.3	.63	.59	.60	-.04	-.03
01:00	6.6	7.2	7.2	7.1	.58	.53	.52	-.05	-.07
02:00	3.8	6.4	6.5	6.5	2.58	2.64	2.63	.07	.06
03:00	3.3	5.5	5.5	5.5	2.14	2.13	2.12	-.01	-.02
04:00	1.3	4.7	4.9	4.9	3.37	3.56	3.55	.19	.19
05:00	.3	3.8	4.4	4.5	3.49	4.10	4.13	.61	.65
06:00	-.5	2.1	3.4	4.0	2.51	3.84	4.49	1.34	1.99
07:00	-.5	1.2	2.7	3.4	1.67	3.19	3.87	1.52	2.20
08:00	3.1	3.3	3.2	3.2	.23	.17	.14	-.06	-.09
09:00	5.5	5.1	4.8	4.6	-.47	-.78	-.95	-.31	-.49
10:00	6.8	6.1	5.8	5.7	-.67	-.98	-1.12	-.31	-.45
11:00	8.2	7.3	7.0	6.8	-.89	-1.21	-1.33	-.32	-.44
12:00	9.5	8.5	8.2	8.1	-1.03	-1.34	-1.48	-.30	-.44
13:00	10.9	9.9	9.5	9.4	-.96	-1.35	-1.52	-.39	-.55
14:00	11.8	10.7	10.4	10.2	-1.07	-1.42	-1.55	-.35	-.48
15:00	12.0	11.2	10.8	10.7	-.81	-1.15	-1.31	-.34	-.50
16:00	11.8	11.3	11.0	10.8	-.55	-.86	-1.02	-.31	-.47
17:00	10.8	10.6	10.3	10.2	-.24	-.49	-.59	-.25	-.35
18:00	9.1	9.4	9.3	9.3	.35	.27	.25	-.08	-.10
19:00	6.5	8.5	8.5	8.5	2.04	2.02	2.00	-.02	-.04
20:00	4.0	7.8	7.9	7.9	3.75	3.88	3.88	.14	.14
21:00	2.4	5.9	6.8	7.3	3.53	4.43	4.93	.89	1.40
22:00	.9	3.9	5.1	6.4	2.97	4.20	5.50	1.23	2.54
23:00	-.2	2.5	4.0	4.9	2.70	4.19	5.15	1.48	2.45
Avg	5.6	6.7	6.9	7.0	1.08	1.26	1.37	.18	.30
Max	12.0	11.3	11.0	10.8	3.75	4.43	5.50	1.52	2.54
Hr. of Max	15	16	16	16	20	21	22	07	22
Min	-.5	1.2	2.7	3.2	-1.07	-1.42	-1.55	-.39	-.55
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/2/2017

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	-3.0	-4.2	.6	12.5	47.2	41.3	3.8	3.5	0.00312
01:00	-2.5	-3.5	.6	12.2	52.8	47.0	4.0	3.7	0.003239
02:00	-.8	-3.4	.8	11.9	72.5	50.1	4.5	3.7	0.003655
03:00	-1.5	-3.8	.1	11.6	71.7	51.7	4.3	3.6	0.00348
04:00	-1.1	-4.4	-.3	11.3	84.4	52.4	4.4	3.5	0.00356
05:00	-1.4	-4.4	-.8	11.0	88.6	55.5	4.4	3.5	0.003477
06:00	-1.8	-3.6	-1.4	10.7	91.1	67.2	4.3	3.7	0.003378
07:00	-1.8	-3.4	-1.4	10.4	91.5	72.2	4.3	3.8	0.003375
08:00	-1.1	-2.8	.3	10.1	75.0	64.7	4.4	3.9	0.003567
09:00	-1.9	-3.2	.6	9.9	59.3	55.5	4.2	3.8	0.003361
10:00	-2.3	-3.6	.8	9.9	53.0	50.4	4.0	3.7	0.00328
11:00	-3.9	-5.4	.1	10.0	42.8	40.7	3.6	3.2	0.002912
12:00	-4.6	-6.3	.1	10.2	37.2	35.1	3.4	3.0	0.002773
13:00	-7.1	-8.6	-1.1	10.5	28.2	26.7	2.8	2.5	0.002302
14:00	-7.2	-8.9	-.9	10.9	26.4	24.8	2.8	2.4	0.00229
15:00	-7.8	-9.2	-1.2	11.2	25.0	23.6	2.7	2.4	0.002192
16:00	-8.5	-9.8	-1.7	11.4	23.9	22.3	2.5	2.3	0.002075
17:00	-8.0	-9.1	-1.7	11.4	26.3	24.5	2.6	2.4	0.00214
18:00	-7.8	-9.1	-2.2	11.5	30.2	26.7	2.7	2.4	0.00217
19:00	-5.7	-8.7	-1.6	11.4	42.4	29.1	3.1	2.5	0.002542
20:00	-4.1	-8.4	-1.4	11.2	56.2	31.3	3.5	2.5	0.002842
21:00	-3.3	-7.7	-1.4	11.0	66.9	37.5	3.8	2.7	0.003016
22:00	-3.1	-5.8	-1.8	10.8	74.9	49.8	3.8	3.1	0.003048
23:00	-3.7	-6.0	-2.5	10.6	77.9	53.9	3.7	3.1	0.002919
Avg	-3.9	-6.0	-.7	11.0	56.1	43.1	3.7	3.1	0.002946
Max	-.8	-2.8	.8	12.5	91.5	72.2	4.5	3.9	0.003655
Hr. of Max	02	08	10	00	07	07	02	08	02
Min	-8.5	-9.8	-2.5	9.9	23.9	22.3	2.5	2.3	0.002075
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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3/2/2017

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	0.00285	4.9	4.5	.00	29.19	988.4	-2.3	.00	260.0
01:00	0.003007	5.1	4.8	.00	29.21	989.3	-2.3	.00	269.2
02:00	0.003034	5.8	4.8	.00	29.23	989.7	-2.5	.00	300.7
03:00	0.002933	5.5	4.6	.00	29.24	990.1	-2.5	.00	357.2
04:00	0.002809	5.6	4.5	.00	29.25	990.4	-2.6	.00	352.8
05:00	0.002792	5.5	4.4	.00	29.26	991.1	-2.5	.00	318.6
06:00	0.002973	5.4	4.7	.00	29.28	991.6	-2.2	.00	63.6
07:00	0.003007	5.4	4.8	.00	29.30	992.1	62.0	.09	224.9
08:00	0.003136	5.7	5.0	.00	29.32	992.8	273.2	.39	139.3
09:00	0.003045	5.3	4.8	.00	29.34	993.5	447.0	.64	125.4
10:00	0.002977	5.2	4.7	.00	29.36	994.1	576.0	.83	281.8
11:00	0.002601	4.6	4.1	.00	29.37	994.7	764.1	1.10	291.1
12:00	0.002441	4.4	3.9	.00	29.37	994.6	811.6	1.16	285.9
13:00	0.002043	3.7	3.3	.00	29.35	994.0	816.9	1.17	281.4
14:00	0.002004	3.6	3.2	.00	29.34	993.6	746.7	1.07	278.9
15:00	0.001959	3.5	3.1	.00	29.34	993.6	617.1	.88	278.0
16:00	0.001867	3.3	3.0	.00	29.34	993.7	414.0	.59	302.0
17:00	0.001962	3.4	3.1	.00	29.35	994.1	165.0	.24	275.5
18:00	0.001969	3.5	3.1	.00	29.38	995.0	9.3	.01	271.4
19:00	0.002018	4.1	3.2	.00	29.41	995.9	-2.4	.00	294.6
20:00	0.002063	4.5	3.3	.00	29.43	996.7	-2.5	.00	255.5
21:00	0.002164	4.8	3.5	.00	29.44	997.0	-2.5	.00	242.4
22:00	0.002501	4.9	4.0	.00	29.45	997.2	-2.5	.00	101.6
23:00	0.002453	4.7	3.9	.00	29.44	997.0	-2.3	.00	147.7
Avg	0.002525	4.7	4.0	.00	29.33	993.3	236.4	.34	280.0
Max	0.003136	5.8	5.0	.00	29.45	997.2	816.9	1.17	357.2
Hr. of Max	08	02	08	23	22	22	13	13	03
Min	0.001867	3.3	3.0	.00	29.19	988.4	-2.6	.00	63.6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/2/2017

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	280.5	292.3	262.0	285.2	45.5	33.0	26.9	3.5	5.1
01:00	281.3	290.0	268.1	283.0	32.7	27.6	24.2	3.3	4.5
02:00	310.6	316.9	292.8	307.8	35.3	22.7	18.7	2.2	3.6
03:00	349.3	344.4	338.0	333.7	33.2	22.0	18.2	1.7	3.2
04:00	346.1	339.6	319.7	329.3	26.8	20.2	16.9	1.0	2.1
05:00	308.9	321.8	298.7	311.9	30.7	20.1	14.7	1.3	2.3
06:00	304.0	309.5	274.1	301.0	37.0	41.1	12.6	.5	1.8
07:00	264.8	283.9	251.6	277.9	34.5	14.6	9.5	.9	2.3
08:00	120.9	73.3	143.3	62.6	32.2	35.0	35.3	1.1	.5
09:00	130.2	107.0	131.3	100.7	59.3	53.7	58.7	.7	.4
10:00	281.5	275.4	277.5	268.5	66.0	52.2	43.3	2.6	3.7
11:00	302.5	302.1	286.1	293.9	42.4	35.2	32.5	4.9	6.3
12:00	295.9	301.3	284.8	292.7	45.7	39.9	38.0	4.9	6.0
13:00	294.5	295.6	279.9	287.7	38.9	32.9	28.3	5.6	7.2
14:00	290.2	294.9	277.5	287.0	43.2	33.6	26.9	5.7	7.3
15:00	288.8	289.3	276.6	282.1	35.3	27.7	23.0	5.7	7.3
16:00	312.9	312.1	299.6	303.2	56.4	38.8	31.6	3.4	5.7
17:00	287.0	287.6	273.2	281.1	33.0	25.9	22.0	5.0	6.8
18:00	286.8	291.5	268.7	284.7	28.6	22.3	19.1	3.6	5.4
19:00	307.5	310.0	286.2	301.3	38.9	20.9	18.5	1.6	3.3
20:00	285.7	297.1	258.2	289.5	23.2	17.7	16.1	1.4	2.6
21:00	236.8	257.3	245.5	252.2	52.0	11.1	10.8	.2	1.8
22:00	254.5	223.6	279.9	218.6	11.5	4.9	13.2	.1	.5
23:00	262.6	206.0	246.4	199.2	29.2	5.7	9.0	.5	1.1
Avg	290.0	297.0	275.0	289.0	38.0	27.5	23.7	.0	.0
Max	349.3	344.4	338.0	333.7	66.0	53.7	58.7	5.7	7.3
Hr. of Max	03	03	03	03	10	09	09	15	15
Min	120.9	73.3	131.3	62.6	11.5	4.9	9.0	.1	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

3/2/2017

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	6.6	4.3	5.8	7.3	4.8	7.8	.1	-1.2	-.20
01:00	5.8	3.8	4.9	6.2	4.1	6.6	-3.0	-2.4	-.32
02:00	4.9	2.6	4.0	5.3	2.8	5.5	-3.6	-2.7	-.26
03:00	4.9	2.0	3.6	5.2	2.4	5.6	-4.1	-1.3	-.29
04:00	3.4	1.2	2.3	3.6	1.6	3.9	-.9	-1.2	-.06
05:00	3.7	1.4	2.4	3.8	1.7	4.1	1.8	-.6	.01
06:00	3.7	.7	2.0	3.9	1.0	3.9	2.8	1.1	.04
07:00	4.5	1.1	2.4	4.6	1.6	4.5	3.0	1.4	.06
08:00	.5	2.1	2.8	3.2	2.7	3.4	1.1	-3.7	.03
09:00	.9	3.1	3.6	3.9	3.7	4.5	4.3	9.3	.15
10:00	4.6	4.7	5.3	5.7	5.0	6.3	2.7	1.4	-.01
11:00	7.0	6.3	7.5	8.1	6.9	8.8	-4.3	-2.4	-.81
12:00	6.8	6.3	7.5	8.1	6.7	8.9	-1.5	-3.0	-.44
13:00	8.7	6.9	8.5	9.9	7.5	10.6	-1.5	-.5	-.61
14:00	8.5	7.2	8.6	9.5	7.7	10.1	-1.3	-2.2	-.47
15:00	9.0	7.4	8.8	10.3	7.8	10.8	-1.2	-2.4	-.44
16:00	7.3	4.7	6.8	8.1	5.6	8.8	3.0	4.5	-.15
17:00	8.4	5.8	7.6	9.1	6.4	9.5	-.7	.6	-.32
18:00	7.4	4.0	5.8	7.8	4.6	8.0	.2	-1.1	-.07
19:00	4.9	1.9	3.6	5.2	2.4	5.4	-3.7	-4.0	-.23
20:00	4.1	1.6	2.8	4.2	1.9	4.3	-.7	-3.0	-.06
21:00	3.5	.3	2.0	3.7	.8	3.9	2.7	-.2	.05
22:00	2.0	.1	.5	2.5	.5	2.6	1.9	-.7	.03
23:00	1.5	.5	1.1	1.5	1.1	1.7	2.2	-2.1	.04
Avg	.0	3.3	4.6	5.9	3.8	6.2	.0	-.7	-.18
Max	9.0	7.4	8.8	10.3	7.8	10.8	4.3	9.3	.15
Hr. of Max	15	15	15	15	15	15	09	09	09
Min	.5	.1	.5	1.5	.5	1.7	-4.3	-4.0	-.81
Count	24	24	24	24	24	24	24	24	24
Total									

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3/2/2017

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	-.53	22.9	33.2	38.9	21.1	18.7	8.4	8.1
01:00	-.51	18.3	15.1	19.7	18.4	17.4	7.3	7.0
02:00	-.34	7.8	10.1	11.2	15.3	11.9	6.5	6.3
03:00	-.26	12.4	12.6	15.3	19.4	12.2	5.5	5.2
04:00	-.16	7.1	9.6	10.5	17.9	11.8	4.7	4.6
05:00	-.13	7.8	7.6	8.7	13.7	12.1	3.7	4.2
06:00	.03	4.1	5.7	10.5	15.3	9.4	2.0	3.9
07:00	.08	3.7	4.8	11.0	10.4	7.5	1.2	3.2
08:00	-.20	6.4	6.9	8.2	16.9	15.4	3.4	3.1
09:00	.55	11.0	13.7	13.5	22.4	23.5	5.2	4.4
10:00	-.21	15.1	14.7	15.3	22.4	24.7	6.2	5.3
11:00	-1.00	16.3	20.2	24.3	21.0	21.1	7.2	6.4
12:00	-.91	16.5	21.8	19.9	22.7	22.0	8.4	7.5
13:00	-.74	20.8	20.8	22.4	22.5	19.9	9.7	8.7
14:00	-.76	20.8	20.6	20.2	19.5	17.7	10.5	9.6
15:00	-.80	20.4	21.5	21.8	18.2	15.6	11.0	10.1
16:00	-.15	15.8	20.8	20.6	26.7	23.8	11.2	10.4
17:00	-.40	15.8	18.8	19.9	19.7	16.8	10.6	9.8
18:00	-.46	16.5	22.0	27.0	19.5	14.7	9.4	9.0
19:00	-.56	10.5	14.7	17.2	19.0	12.8	8.5	8.2
20:00	-.36	6.6	9.2	9.4	12.6	12.3	7.8	7.6
21:00	-.03	2.3	5.5	10.5	12.3	6.1	5.7	7.1
22:00	-.04	1.4	2.1	6.9	6.2	5.0	3.8	6.2
23:00	-.06	3.7	4.1	3.7	6.9	4.0	2.4	4.8
Avg	-.33	11.8	14.0	16.1	17.5	14.9	6.7	6.7
Max	.55	22.9	33.2	38.9	26.7	24.7	11.2	10.4
Hr. of Max	09	00	00	00	16	10	16	16
Min	-1.00	1.4	2.1	3.7	6.2	4.0	1.2	3.1
Count	24	24	24	24	24	24	24	24
Total								