Date Printed: 05/02/2017 01:20

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

Daily Summary Report

Site: Tower "D" (1000 Area)

5/1/2017

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	18.9	19.2	19.2	19.1	.35	.29	.25	-.06	-.10
01:00	18.6	18.9	19.0	19.1	.28	.38	.53	.11	.25
02:00	18.4	18.4	18.7	19.1	-.01	.31	.77	.32	.78
03:00	18.0	18.3	18.5	18.8	.33	.56	.80	.23	.47
04:00	18.1	18.2	18.2	18.3	.09	.12	.18	.03	.09
05:00	18.1	18.2	18.2	18.2	.04	.03	.09	-.01	.05
06:00	18.0	18.2	18.3	18.3	.11	.24	.25	.13	.13
07:00	18.8	19.3	19.6	19.9	.51	.78	1.03	.27	.52
08:00	20.9	21.1	21.1	21.2	.20	.18	.27	-.02	.07
09:00	19.9	19.9	19.8	19.8	-.03	-.12	-.13	-.10	-.10
10:00	17.6	17.6	17.6	17.5	.02	-.05	-.06	-.07	-.08
11:00	15.1	15.0	14.9	14.9	-.07	-.17	-.16	-.10	-.09
12:00	14.1	13.9	13.8	13.9	-.14	-.23	-.18	-.09	-.04
13:00	17.2	16.6	16.3	16.2	-.61	-.92	-1.07	-.31	-.46
14:00	20.0	19.4	19.1	19.0	-.65	-.93	-1.06	-.28	-.41
15:00	21.4	20.7	20.5	20.3	-.67	-.95	-1.09	-.27	-.42
16:00	22.6	22.2	21.8	21.7	-.45	-.81	-.95	-.36	-.50
17:00	23.5	23.3	23.0	22.8	-.19	-.46	-.63	-.27	-.44
18:00	22.8	22.8	22.6	22.5	.00	-.22	-.32	-.23	-.33
19:00	21.6	21.9	21.9	21.9	.33	.24	.27	-.09	-.06
20:00	20.0	20.4	20.5	20.7	.46	.52	.69	.06	.23
21:00	18.8	19.1	19.1	19.1	.30	.21	.24	-.09	-.06
22:00	17.1	17.2	17.1	17.1	.13	-.02	-.06	-.15	-.20
23:00	15.5	15.7	15.7	15.7	.25	.19	.23	-.06	-.02
Avg	19.0	19.0	18.9	19.0	.02	-.03	.00	-.06	-.03
Max	23.5	23.3	23.0	22.8	.51	.78	1.03	.32	.78
Hr. of Max	17	17	17	17	07	07	07	02	02
Min	14.1	13.9	13.8	13.9	-.67	-.95	-1.09	-.36	-.50
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/1/2017

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	17.5	17.4	18.0	21.5	93.8	91.1	14.9	14.8	0.013006
01:00	17.9	17.8	18.1	21.3	97.8	95.8	15.3	15.2	0.013312
02:00	17.7	17.9	17.9	21.2	97.9	99.0	15.1	15.2	0.013155
03:00	17.3	17.8	17.5	21.1	97.9	99.0	14.8	15.2	0.012849
04:00	17.4	17.7	17.7	21.0	97.9	99.0	14.9	15.1	0.012945
05:00	17.5	17.7	17.7	20.9	98.0	98.9	14.9	15.1	0.012973
06:00	17.4	17.7	17.6	20.8	97.9	99.1	14.8	15.1	0.012916
07:00	18.0	18.2	18.3	20.7	96.9	95.4	15.3	15.5	0.013448
08:00	18.2	18.0	19.1	20.6	86.3	84.0	15.5	15.2	0.013652
09:00	18.4	18.4	18.9	20.5	93.0	93.5	15.7	15.7	0.013779
10:00	14.2	13.9	15.4	20.5	82.4	80.8	12.3	12.0	0.010644
11:00	9.9	9.1	11.6	20.4	72.2	68.9	9.2	8.7	0.007864
12:00	10.4	9.7	11.6	20.3	79.8	76.7	9.6	9.1	0.008162
13:00	10.3	9.0	12.6	20.2	65.0	61.9	9.4	8.6	0.008119
14:00	9.5	8.3	13.0	20.3	51.6	49.7	8.8	8.2	0.007703
15:00	9.2	8.0	13.3	20.4	46.4	44.7	8.6	8.0	0.007569
16:00	9.6	8.5	13.9	20.5	44.4	42.4	8.8	8.2	0.007797
17:00	6.8	5.7	12.3	20.6	35.1	32.9	7.4	6.8	0.006486
18:00	5.1	4.1	11.0	20.6	32.4	30.1	6.5	6.1	0.00574
19:00	5.6	4.7	11.0	20.6	36.1	33.2	6.8	6.4	0.005949
20:00	5.7	4.9	10.5	20.5	40.1	36.9	6.9	6.5	0.005967
21:00	5.4	4.9	9.9	20.4	42.1	39.8	6.7	6.5	0.005828
22:00	5.6	5.2	9.4	20.2	47.3	45.7	6.8	6.7	0.005861
23:00	3.9	3.4	7.7	20.0	46.6	44.2	6.1	5.9	0.005196
Avg	12.0	11.6	14.3	20.6	70.0	68.4	11.0	10.8	0.009622
Max	18.4	18.4	19.1	21.5	98.0	99.1	15.7	15.7	0.013779
Hr. of Max	09	09	08	00	05	06	09	09	09
Min	3.9	3.4	7.7	20.0	32.4	30.1	6.1	5.9	0.005196
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/1/2017

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	0.012913	20.1	20.0	.00	28.99	981.6	-2.4	.00	89.6
01:00	0.013262	20.6	20.5	.02	28.97	981.0	-1.9	.00	35.2
02:00	0.013296	20.3	20.5	.01	28.94	979.9	-2.0	.00	202.3
03:00	0.013264	19.8	20.4	.00	28.91	979.2	-2.2	.00	206.6
04:00	0.013162	20.0	20.3	.00	28.91	979.1	-1.7	.00	225.5
05:00	0.013133	20.0	20.2	.03	28.91	979.0	-2.2	.00	230.1
06:00	0.013166	19.9	20.3	.00	28.87	977.9	-2.0	.00	55.4
07:00	0.01365	20.7	21.0	.01	28.85	977.0	23.8	.03	226.6
08:00	0.013455	21.0	20.7	.01	28.85	976.9	76.6	.11	210.2
09:00	0.013817	21.2	21.2	.11	28.85	976.9	96.3	.14	217.2
10:00	0.01046	16.4	16.2	.01	28.88	978.0	152.3	.22	230.4
11:00	0.007466	12.2	11.6	.06	28.91	979.0	242.2	.35	219.8
12:00	0.007766	12.7	12.1	.01	28.90	978.9	270.4	.39	217.3
13:00	0.007436	12.6	11.6	.00	28.89	978.3	914.1	1.31	210.1
14:00	0.007125	12.0	11.1	.00	28.85	977.2	1008.6	1.45	201.2
15:00	0.006985	11.7	10.8	.00	28.83	976.4	921.3	1.32	202.0
16:00	0.007245	12.1	11.2	.00	28.81	975.7	733.2	1.05	211.2
17:00	0.006005	10.1	9.3	.00	28.81	975.8	451.1	.65	226.5
18:00	0.005348	8.9	8.3	.00	28.83	976.3	307.6	.44	220.8
19:00	0.005573	9.3	8.7	.00	28.84	976.5	82.4	.12	219.8
20:00	0.005659	9.3	8.8	.00	28.86	977.4	3.9	.01	239.5
21:00	0.005624	9.1	8.8	.00	28.91	979.0	-1.9	.00	250.3
22:00	0.005716	9.2	8.9	.00	28.97	981.2	-2.6	.00	257.6
23:00	0.005015	8.1	7.9	.00	29.00	982.1	-2.1	.00	245.7
Avg	0.009439	14.9	14.6	.01	28.89	978.3	219.3	.32	219.0
Max	0.013817	21.2	21.2	.11	29.00	982.1	1008.6	1.45	257.6
Hr. of Max	09	09	09	09	23	23	14	14	22
Min	0.005015	8.1	7.9	.00	28.81	975.7	-2.6	.00	35.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/1/2017

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	111.6	130.1	60.4	119.6	45.5	38.5	31.6	.6	1.5
01:00	291.0	280.1	321.5	272.9	73.7	32.3	19.7	.5	1.3
02:00	272.4	269.4	229.1	264.0	50.2	26.3	22.3	.8	2.0
03:00	251.5	246.1	240.5	241.1	26.7	45.7	15.4	1.7	3.4
04:00	246.3	252.9	227.5	247.8	35.9	16.5	12.1	2.2	4.0
05:00	247.5	247.2	236.6	242.4	37.6	16.5	12.7	2.5	4.7
06:00	296.5	250.2	313.5	246.6	56.6	52.0	39.1	.4	.8
07:00	226.7	199.6	252.1	196.1	38.7	51.1	37.2	1.9	3.4
08:00	210.6	203.5	212.0	198.6	28.7	20.3	17.0	6.1	9.1
09:00	222.3	218.6	218.1	214.0	25.3	17.1	13.9	8.9	13.1
10:00	233.9	231.0	230.4	226.7	22.9	15.5	11.5	11.6	17.3
11:00	225.6	221.7	220.2	217.5	23.7	15.1	11.6	8.6	13.2
12:00	220.4	215.2	218.6	210.9	25.4	17.3	12.8	6.8	10.1
13:00	214.4	211.4	210.3	206.6	27.3	21.7	17.6	8.8	12.0
14:00	208.6	206.8	201.7	202.3	24.9	20.1	16.2	10.9	14.6
15:00	208.2	207.6	203.3	203.2	25.2	19.9	16.6	10.9	14.6
16:00	218.2	215.5	211.9	210.8	28.5	21.5	17.4	9.3	13.0
17:00	231.7	227.6	225.9	223.5	23.0	16.6	12.7	12.0	17.4
18:00	225.4	222.7	220.7	218.4	24.3	17.6	14.3	11.0	16.0
19:00	226.0	221.0	220.6	216.9	23.5	16.5	11.9	7.4	11.4
20:00	245.2	243.0	240.0	238.6	22.2	13.8	10.2	7.1	11.6
21:00	257.5	258.0	249.5	253.0	22.5	17.3	14.5	8.5	12.1
22:00	263.9	265.5	257.0	259.8	24.8	17.6	14.8	9.3	13.3
23:00	251.2	248.8	245.8	244.0	21.0	14.8	12.0	6.5	9.6
Avg	236.0	230.0	232.0	225.0	31.6	23.4	17.3	.0	.0
Max	296.5	280.1	321.5	272.9	73.7	52.0	39.1	12.0	17.4
Hr. of Max	06	01	01	01	01	06	06	17	17
Min	111.6	130.1	60.4	119.6	21.0	13.8	10.2	.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)

5/1/2017

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	2.4	1.9	3.1	4.0	2.3	4.5	1.2	-2.1	-.02
01:00	2.3	1.2	2.0	3.0	1.5	3.2	.5	-2.0	-.01
02:00	3.6	1.2	2.3	3.8	1.7	4.0	1.0	1.0	.01
03:00	5.0	2.0	3.5	5.2	2.5	5.5	1.2	1.1	.01
04:00	5.7	2.4	4.1	5.8	2.8	6.1	.7	.2	-.04
05:00	6.6	2.9	4.9	6.7	3.3	7.1	-.5	.4	-.09
06:00	1.3	.7	1.2	1.8	1.1	2.1	-1.1	-3.0	-.05
07:00	5.5	2.9	4.2	5.9	3.3	6.4	-1.5	-1.5	-.16
08:00	12.0	6.8	9.6	12.5	7.3	13.1	-.1	-1.6	-.23
09:00	16.6	9.8	13.9	17.5	10.5	17.9	-.6	-.5	-.35
10:00	21.4	12.3	17.8	21.9	13.2	22.9	1.1	-.5	-.24
11:00	17.0	9.2	13.6	17.3	9.9	18.2	1.0	-.8	-.20
12:00	13.3	7.3	10.5	13.6	7.9	14.1	1.2	-1.3	-.13
13:00	14.9	9.7	12.8	15.6	10.5	16.4	1.3	-.8	-.04
14:00	18.2	12.0	15.4	18.8	12.8	19.7	.5	-1.3	-.26
15:00	17.7	11.9	15.5	18.4	12.6	19.4	.8	-2.3	-.19
16:00	16.1	10.3	13.8	16.9	11.1	17.8	2.3	-.2	.02
17:00	21.5	12.9	18.1	22.1	13.8	23.2	.6	.0	-.25
18:00	19.7	11.9	16.7	20.3	13.0	21.5	.8	.8	-.34
19:00	15.1	7.9	11.8	15.4	8.8	16.3	1.7	-.4	-.03
20:00	15.6	7.5	12.0	15.9	8.4	16.7	-.3	-.9	-.30
21:00	15.1	9.1	12.7	15.6	10.0	16.4	-.6	.4	-.39
22:00	16.2	10.2	14.0	16.8	11.1	17.6	-2.8	-1.3	-.90
23:00	12.0	7.0	10.0	12.3	7.8	13.0	-1.0	-.9	-.32
Avg	.0	7.1	10.1	12.8	7.8	13.5	.3	-.7	-.19
Max	21.5	12.9	18.1	22.1	13.8	23.2	2.3	1.1	.02
Hr. of Max	17	17	17	17	17	17	16	03	16
Min	1.3	.7	1.2	1.8	1.1	2.1	-2.8	-3.0	-.90
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "D" (1000 Area)

5/1/2017

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	-.17	6.9	8.5	9.8	22.9	17.8	20.5	20.1
01:00	-.06	5.5	6.9	11.9	14.1	12.8	20.1	20.0
02:00	.05	4.1	6.6	8.2	10.4	8.0	19.6	20.1
03:00	.07	7.1	9.8	12.1	11.4	9.5	19.6	19.7
04:00	-.04	9.2	12.4	13.3	13.8	7.7	19.5	19.2
05:00	.00	8.7	13.3	15.6	14.0	7.1	19.4	19.1
06:00	-.10	2.7	4.4	6.4	12.6	12.2	19.4	19.2
07:00	-.45	20.6	22.9	27.5	16.0	18.6	20.7	20.9
08:00	-.57	21.3	20.4	28.9	17.3	12.8	22.4	22.1
09:00	-.42	32.3	35.7	36.6	16.8	10.1	21.3	20.9
10:00	-.48	38.0	44.9	46.7	16.6	8.3	18.5	18.1
11:00	-.47	36.2	28.2	37.6	17.5	8.6	15.5	15.1
12:00	-.50	28.9	31.6	50.4	17.7	10.0	14.6	14.3
13:00	-.61	29.1	30.9	38.0	17.8	13.2	17.0	16.2
14:00	-.88	34.6	33.4	36.4	16.5	12.0	19.6	18.7
15:00	-1.15	31.4	42.6	43.7	17.0	11.9	21.0	20.1
16:00	-.45	29.3	33.0	33.4	18.3	12.9	22.4	21.5
17:00	-.37	32.5	41.0	44.7	16.1	9.6	23.3	22.5
18:00	-.13	32.3	34.8	44.4	16.7	10.1	22.8	22.1
19:00	-.34	31.8	29.1	39.2	17.4	9.2	22.1	21.6
20:00	-.40	19.2	25.0	29.3	15.1	7.0	20.7	20.5
21:00	-.19	24.3	33.2	34.3	15.6	10.3	19.4	19.0
22:00	-.75	29.8	39.4	52.9	15.8	11.0	17.6	17.0
23:00	-.34	22.7	30.0	50.4	13.6	8.5	16.0	15.6
Avg	-.36	22.4	25.8	31.3	15.9	10.8	19.7	19.3
Max	.07	38.0	44.9	52.9	22.9	18.6	23.3	22.5
Hr. of Max	03	10	10	22	00	07	17	17
Min	-1.15	2.7	4.4	6.4	10.4	7.0	14.6	14.3
Count	24	24	24	24	24	24	24	24
Total								