Date Printed: 04/21/2014 10:03

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

Daily Summary Report

Site: Tower "C" (1000 Area)

4/20/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	04_TempF_10m	05_TempF_30m	06_TempF_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m
Hour	DEGC	DEGC	DEGC	DEGF	DEGF	DEGF	DEGC	DEGC	DEGC
00:00	10.3	11.1	12.8	50.5	52.0	55.0	.8	2.5	7.7
01:00	9.5	10.4	11.7	49.1	50.7	53.0	.9	2.2	7.5
02:00	8.8	9.6	10.6	47.8	49.2	51.0	.8	1.8	7.6
03:00	8.0	8.9	10.0	46.3	47.9	50.0	.9	2.0	7.4
04:00	7.3	8.2	8.9	45.2	46.8	48.0	.9	1.6	6.8
05:00	7.3	8.0	8.7	45.2	46.3	47.6	.6	1.4	6.8
06:00	7.1	8.0	9.3	44.7	46.5	48.8	1.0	2.2	6.6
07:00	7.1	7.9	8.7	44.8	46.2	47.8	.8	1.6	6.6
08:00	9.7	9.8	10.0	49.5	49.6	50.0	.1	.3	6.7
09:00	14.4	14.0	12.8	57.9	57.2	55.0	-.4	-1.6	6.2
10:00	16.6	16.0	15.0	61.8	60.8	59.0	-.6	-1.6	4.5
11:00	18.0	17.4	16.5	64.5	63.4	61.6	-.6	-1.5	4.0
12:00	19.6	19.1	18.2	67.2	66.3	64.8	-.5	-1.4	3.4
13:00	21.1	20.7	19.8	70.1	69.2	67.6	-.5	-1.3	3.8
14:00	22.3	21.6	20.7	72.1	70.9	69.2	-.7	-1.6	3.4
15:00	23.1	22.5	22.4	73.6	72.5	72.4	-.6	-1.7	2.7
16:00	23.8	23.3	22.5	74.9	74.0	72.6	-.5	-1.3	2.8
17:00	24.2	23.8	22.8	75.5	74.8	73.0	-.4	-1.4	2.6
18:00	24.4	24.1	23.1	75.9	75.3	73.6	-.3	-1.3	2.3
19:00	23.1	23.4	23.0	73.5	74.2	73.4	.4	-.1	3.5
20:00	19.7	21.1	21.7	67.5	70.0	71.0	1.4	2.0	4.7
21:00	17.4	18.4	19.8	63.3	65.1	67.6	1.0	2.4	5.3
22:00	15.3	16.5	18.3	59.5	61.8	65.0	1.2	3.0	5.4
23:00	13.8	15.1	17.2	56.8	59.2	63.0	1.3	3.4	5.1
Avg	15.5	15.8	16.0	59.9	60.4	60.8	.3	.5	5.1
Max	24.4	24.1	23.1	75.9	75.3	73.6	1.4	3.4	7.7
Hr. of Max	18	18	18	18	18	18	20	23	00
Min	7.1	7.9	8.7	44.7	46.2	47.6	-.7	-1.7	2.3
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "C" (1000 Area)

4/20/2014

Interval: 001h

	10_DewPtF_10m	11_SoilTempC	12_RH	13_AbsHm gm3	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	18_PrecipSum
Hour	DEGF	DEGC	PERCENT	G/M3	None	KPa	MM	INCHES	INCHES
00:00	45.8	14.0	84.9	8.0	.0	10.5	.0	.00	.00
01:00	45.5	13.6	88.2	8.0	.0	10.4	.0	.00	.00
02:00	45.7	13.3	93.3	8.0	.0	10.5	.0	.00	.00
03:00	45.3	12.9	97.2	7.9	.0	10.3	.0	.00	.00
04:00	44.2	12.6	97.3	7.6	.0	9.9	.0	.00	.00
05:00	44.3	12.3	97.4	7.7	.0	9.9	.0	.00	.00
06:00	43.8	12.0	97.5	7.5	.0	9.7	.0	.00	.00
07:00	43.9	11.8	97.6	7.6	.0	9.8	.0	.00	.00
08:00	44.0	11.5	82.5	7.5	.0	9.8	.0	.00	.00
09:00	43.1	11.6	58.9	7.2	.0	9.5	.0	.00	.00
10:00	40.0	12.1	45.2	6.3	.0	8.5	.0	.00	.00
11:00	39.2	12.8	40.0	6.1	.0	8.2	.0	.00	.00
12:00	38.1	13.9	34.9	5.9	.0	7.9	.0	.00	.00
13:00	38.8	15.1	32.6	6.0	.0	8.1	.0	.00	.00
14:00	38.2	16.1	29.7	5.8	.0	8.0	.0	.00	.00
15:00	36.9	17.1	26.9	5.6	.0	7.6	.0	.00	.00
16:00	37.0	18.3	25.9	5.6	.0	7.6	.0	.00	.00
17:00	36.7	19.2	25.1	5.5	.0	7.6	.0	.00	.00
18:00	36.2	19.6	24.3	5.4	.0	7.4	.0	.00	.00
19:00	38.4	19.6	28.7	5.9	.0	8.0	.0	.00	.00
20:00	40.5	19.2	37.9	6.4	.0	8.7	.0	.00	.00
21:00	41.6	18.5	45.9	6.7	.0	9.0	.0	.00	.00
22:00	41.6	17.9	52.2	6.8	.0	9.0	.0	.00	.00
23:00	41.2	17.2	56.6	6.7	.0	8.9	.0	.00	.00
Avg	41.3	15.1	58.3	6.7	.0	9.0	.0	.00	.00
Max	45.8	19.6	97.6	8.0	.0	10.5	.0	.00	.00
Hr. of Max	00	19	07	02	23	02	23	23	23
Min	36.2	11.5	24.3	5.4	.0	7.4	.0	.00	.00
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "C" (1000 Area)

4/20/2014

Interval: 001h

	19_BP	20_BP	21_Solar_Rad	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m	26_VWDir_10m	27_VWDir_30m
Hour	INHG	MM/HG	Langleys	W/M2	DEG	DEG	DEG	DEG	DEG
00:00	29.20	988.8	.00	-2.3	27	78	81	26	60
01:00	29.20	988.8	.00	-2.2	350	80	64	332	86
02:00	29.19	988.6	.00	-2.1	2	48	53	358	0
03:00	29.20	988.9	.00	-2.2	298	77	73	271	0
04:00	29.22	989.4	.00	-2.5	259	234	92	254	0
05:00	29.22	989.7	.00	-2.5	36	49	113	39	53
06:00	29.24	990.1	.00	-2.0	352	37	86	285	34
07:00	29.25	990.7	.09	63.8	17	58	69	40	64
08:00	29.26	991.0	.37	260.1	92	54	75	95	49
09:00	29.27	991.4	.68	475.4	72	66	64	79	69
10:00	29.28	991.6	.95	665.7	80	73	65	84	75
11:00	29.28	991.5	1.15	807.0	53	55	57	65	58
12:00	29.26	991.0	1.32	922.1	77	74	67	82	76
13:00	29.24	990.3	1.37	959.2	89	80	72	91	82
14:00	29.23	989.7	1.35	946.7	83	75	69	86	74
15:00	29.20	989.0	1.21	850.0	103	101	91	103	102
16:00	29.18	988.2	1.02	712.3	95	99	90	100	99
17:00	29.17	987.7	.71	498.5	88	87	79	90	86
18:00	29.16	987.5	.44	310.0	86	85	80	85	85
19:00	29.15	987.3	.07	55.0	24	114	96	72	103
20:00	29.15	987.3	.00	1.4	355	90	125	357	78
21:00	29.15	987.3	.00	-1.4	354	61	116	342	69
22:00	29.16	987.6	.00	-1.7	324	267	217	272	0
23:00	29.17	987.7	.00	-1.8	331	38	305	315	0
Avg	29.21	989.2	.44	312.8	38	72	80	0	0
Max	29.28	991.6	1.37	959.2	355	267	305	358	103
Hr. of Max	11	10	13	13	20	22	23	02	19
Min	29.15	987.3	.00	-2.5	2	37	53	26	0
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

Site: Tower "C" (1000 Area)

4/20/2014

Interval: 001h

	28_VWDir_100m	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	32_WSpd_10m	33_WSpd_30m	34_WSpd_100m	35_WSpd_10m	36_WSpd_30m
Hour	DEG	DEG	DEG	DEG	M/SEC	M/SEC	M/SEC	MPH	MPH
00:00	81	9	5	2	.3	.5	1.3	.6	1.0
01:00	63	10	11	3	.3	.2	1.5	.6	.4
02:00	48	7	5	3	.1	.4	1.4	.3	.8
03:00	71	5	7	4	.3	.4	.9	.6	1.0
04:00	89	3	4	3	.4	.5	.5	1.0	1.1
05:00	112	7	7	2	.5	.8	1.7	1.2	1.8
06:00	89	7	10	5	.3	.5	2.1	.7	1.1
07:00	70	9	6	2	.3	.8	2.1	.7	1.7
08:00	76	18	15	4	.5	.8	3.0	1.2	1.7
09:00	63	28	24	11	1.5	1.6	2.2	3.3	3.5
10:00	66	24	16	10	2.3	2.7	2.7	5.1	6.1
11:00	57	26	18	12	2.0	2.5	2.5	4.4	5.6
12:00	67	22	21	16	2.0	2.0	2.2	4.6	4.6
13:00	71	28	29	15	2.0	2.0	2.3	4.5	4.5
14:00	71	22	19	12	2.5	2.9	3.1	5.6	6.6
15:00	94	22	19	19	2.3	2.6	2.8	5.2	5.7
16:00	90	20	20	16	2.3	2.6	2.9	5.1	5.8
17:00	81	18	18	13	1.9	2.1	2.4	4.2	4.6
18:00	79	25	18	13	1.4	1.8	1.9	3.2	3.9
19:00	98	22	15	8	.7	1.3	2.3	1.6	2.8
20:00	124	10	11	6	.3	.3	2.6	.7	.7
21:00	115	6	6	4	.3	.5	2.2	.6	1.1
22:00	267	9	7	3	.2	.4	.7	.5	1.0
23:00	300	5	10	4	.3	.5	1.2	.6	1.1
Avg	0	15	13	8	1.0	1.3	2.0	2.3	2.8
Max	300	28	29	19	2.5	2.9	3.1	5.6	6.6
Hr. of Max	23	13	13	15	14	14	14	14	14
Min	48	3	4	2	.1	.2	.5	.3	.4
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	37_WSpd_100m	38_VWSpd_10m	39_VWSpd_30m	40-_VWSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m	47_24HR_PRS
Hour	MPH	MPH	MPH	MPH	MPH	MPH	MPH	INCHES
00:00	3.0	.4	1.0	2.9	1.8	3.2	5.3	.00
01:00	3.3	.4	.4	3.2	2.7	2.7	9.8	.00
02:00	3.1	.2	.0	3.0	1.4	2.0	10.8	.00
03:00	2.0	.5	.0	1.9	2.5	2.5	5.5	.00
04:00	1.2	.9	.0	1.2	2.3	2.7	3.2	.00
05:00	3.8	.9	1.8	3.8	2.5	4.4	8.2	.00
06:00	4.6	.3	.6	4.3	3.4	6.0	16.0	.00
07:00	4.8	.3	1.6	4.8	3.4	4.8	7.1	.00
08:00	6.8	1.1	1.6	6.8	4.8	6.4	11.9	.00
09:00	4.9	2.9	3.2	4.6	10.8	9.6	14.2	.00
10:00	6.1	4.6	5.5	5.8	13.1	13.1	12.8	.00
11:00	5.7	3.6	5.0	5.3	13.7	16.0	16.0	.00
12:00	4.9	4.0	4.1	4.5	11.9	13.1	14.2	.00
13:00	5.2	3.9	3.9	4.7	17.9	14.9	11.7	.00
14:00	6.9	5.0	5.8	6.5	14.2	18.1	19.9	.00
15:00	6.3	3.9	4.6	5.5	15.1	17.9	17.6	.00
16:00	6.4	4.5	5.2	5.7	13.3	18.3	13.7	.00
17:00	5.3	3.5	4.2	4.9	11.9	12.8	21.5	.00
18:00	4.2	2.8	3.3	3.8	8.9	8.9	9.6	.00
19:00	5.2	.9	2.6	5.0	6.4	8.9	8.0	.00
20:00	5.8	.6	.5	5.7	2.7	3.4	10.1	.00
21:00	5.0	.4	.6	5.0	1.4	2.5	11.0	.00
22:00	1.6	.5	.0	1.0	2.5	2.5	5.5	.00
23:00	2.6	.4	.0	2.6	1.6	2.6	6.2	.00
Avg	4.5	1.4	1.4	1.4	7.1	8.2	11.2	.00
Max	6.9	5.0	5.8	6.8	17.9	18.3	21.5	.00
Hr. of Max	14	14	14	08	13	16	17	23
Min	1.2	.2	.0	1.0	1.4	2.0	3.2	.00
Count	24	24	24	24	24	24	24	24
Total								