Current Time: 7:37 AM

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

Daily Summary Report

Site: Tower "C" (1000 Area)

3/5/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	-.2	.7	1.0	.9	1.2	-.7	5.4	96.9	4.6
01:00	-.5	.2	.7	.8	1.2	-1.0	5.2	97.0	4.5
02:00	-.6	.0	.6	.6	1.2	-1.1	5.0	97.0	4.5
03:00	-.8	-.3	.5	.5	1.3	-1.3	4.8	97.1	4.4
04:00	-.9	-.3	-.1	.6	.8	-1.4	4.6	97.1	4.4
05:00	-.9	-.4	-.2	.5	.7	-1.4	4.4	97.1	4.4
06:00	-1.2	-.6	-.4	.6	.8	-1.7	4.2	97.1	4.3
07:00	-1.5	-.9	-.8	.6	.7	-2.0	4.1	97.1	4.2
08:00	-.5	-.4	-.3	.1	-.2	-1.0	3.9	97.2	4.5
09:00	2.8	2.3	1.7	-.5	-1.1	-.2	3.9	81.2	4.7
10:00	5.6	5.1	4.7	-.5	-.9	.3	4.3	69.2	4.9
11:00	7.6	7.0	6.7	-.6	-.9	1.0	4.8	63.6	5.1
12:00	9.3	8.8	8.3	-.5	-1.0	.6	5.2	55.2	4.9
13:00	10.7	10.2	9.6	-.5	-1.1	-.2	6.1	47.5	4.6
14:00	12.1	11.5	11.0	-.6	-1.1	-3.4	6.9	34.5	3.7
15:00	13.3	12.7	12.2	-.7	-1.1	-5.2	7.6	27.7	3.2
16:00	13.1	12.6	12.0	-.5	-1.1	-4.1	8.2	30.6	3.5
17:00	12.8	12.6	12.5	-.2	-.3	-7.7	8.6	23.9	2.7
18:00	11.2	11.4	11.5	.1	.2	-9.1	8.7	24.0	2.4
19:00	9.1	9.3	9.3	.2	.2	-5.3	8.5	36.3	3.2
20:00	7.1	7.3	8.2	.2	1.0	-3.3	8.1	48.0	3.7
21:00	6.1	6.3	6.9	.2	.8	-2.9	7.6	53.1	3.8
22:00	5.6	5.8	6.5	.2	.9	-2.8	7.2	55.3	3.9
23:00	5.5	5.7	6.1	.1	.6	-2.6	6.9	56.2	3.9
Avg	5.2	5.3	5.3	.1	.1	-2.4	6.0	65.8	4.1
Max	13.3	12.7	12.5	.9	1.3	1.0	8.7	97.2	5.1
Hr. of Max	15	15	17	00	03	11	18	08	11
Min	-1.5	-.9	-.8	-.7	-1.1	-9.1	3.9	23.9	2.4
Count	24	24	24	24	24	24	24	24	24
Total									

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	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.003673	5.8	.0	.00	29.18	-3.0	294	32	44
01:00	0.003592	5.7	.0	.00	29.19	-2.1	265	281	17
02:00	0.003565	5.6	.0	.00	29.18	-2.7	339	40	21
03:00	0.003525	5.6	.0	.00	29.17	-2.8	336	58	50
04:00	0.003494	5.5	.0	.00	29.17	-2.8	2	44	38
05:00	0.003486	5.5	.0	.00	29.17	-2.9	13	57	35
06:00	0.003418	5.4	.0	.00	29.18	-3.1	322	54	40
07:00	0.003343	5.3	.0	.00	29.19	14.6	7	38	49
08:00	0.003608	5.7	.1	.00	29.20	217.8	261	77	53
09:00	0.003806	6.0	.0	.00	29.22	460.1	97	81	26
10:00	0.003966	6.3	.0	.00	29.21	615.1	102	102	73
11:00	0.004184	6.6	.0	.00	29.19	745.8	94	92	79
12:00	0.004074	6.4	.0	.00	29.17	801.7	103	95	81
13:00	0.003842	6.1	.0	.00	29.14	795.3	100	95	80
14:00	0.003069	4.8	.0	.00	29.13	640.6	97	87	71
15:00	0.002676	4.2	.0	.00	29.11	557.2	70	65	55
16:00	0.002922	4.6	.0	.00	29.11	390.0	67	59	51
17:00	0.002236	3.5	.0	.00	29.13	172.9	36	44	41
18:00	0.002002	3.2	.0	.00	29.14	12.2	45	45	40
19:00	0.002634	4.2	.0	.00	29.15	-1.8	45	61	46
20:00	0.003057	4.8	.0	.00	29.16	-2.2	43	58	46
21:00	0.003139	5.0	.0	.00	29.16	-2.0	46	62	51
22:00	0.003173	5.0	.0	.00	29.16	-2.1	66	67	45
23:00	0.003211	5.1	.0	.00	29.16	-1.7	67	70	50
Avg	0.003321	5.2	.0	.00	29.17	224.8	42	63	49
Max	0.004184	6.6	.1	.00	29.22	801.7	339	281	81
Hr. of Max	11	11	08	23	09	12	02	01	12
Min	0.002002	3.2	.0	.00	29.11	-3.1	2	32	17
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	12	14	2	.7	1.3	4.5	1.8	3.2	6.9
01:00	9	13	7	1.2	1.6	4.1	3.4	3.2	7.8
02:00	7	9	7	.7	1.2	5.1	2.7	3.0	9.2
03:00	5	4	3	.9	1.1	3.8	2.7	3.9	14.0
04:00	9	3	2	.7	1.2	5.1	2.3	2.5	7.6
05:00	11	10	3	1.0	1.9	6.0	2.5	3.4	8.5
06:00	6	13	2	.8	1.3	3.8	2.3	3.4	11.0
07:00	5	4	2	.6	1.1	4.0	3.0	3.0	6.6
08:00	15	19	9	.6	1.1	3.2	3.2	5.3	9.4
09:00	20	23	21	2.4	2.2	2.7	6.2	7.1	7.1
10:00	17	16	16	4.8	4.9	4.1	10.1	9.4	11.9
11:00	19	14	15	4.7	4.7	4.3	10.8	11.0	9.6
12:00	25	24	17	4.2	4.1	4.3	14.7	11.7	11.4
13:00	16	15	12	5.5	5.6	5.8	13.3	14.7	14.2
14:00	25	17	13	5.8	6.2	5.6	14.4	14.9	12.1
15:00	25	18	11	5.1	5.8	6.9	14.2	13.1	13.5
16:00	27	19	8	5.1	6.2	7.3	21.1	16.3	15.3
17:00	34	19	9	2.7	5.2	7.2	9.2	15.3	17.2
18:00	27	14	6	1.7	5.1	9.8	6.9	24.7	24.7
19:00	20	11	4	1.9	4.5	10.1	6.0	11.2	23.8
20:00	21	13	4	1.7	4.6	10.4	4.8	9.4	24.0
21:00	26	14	3	1.8	4.7	11.1	6.0	10.5	22.7
22:00	23	13	5	2.1	4.5	12.0	6.6	14.2	24.7
23:00	26	14	5	2.2	4.4	10.6	8.0	13.1	22.0
Avg	18	14	8	2.5	3.5	6.3	7.3	9.5	14.0
Max	34	24	21	5.8	6.2	12.0	21.1	24.7	24.7
Hr. of Max	17	12	09	14	16	22	16	18	22
Min	5	3	2	.6	1.1	2.7	1.8	2.5	6.6
Count	24	24	24	24	24	24	24	24	24
Total									