Date Printed: 07/14/2015 12:56

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

Daily Summary Report

Site: Tower "K" (1208)

7/9/2015

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	23.6	25.0	74.4	77.1	1.5	23.2	73.7	100.5	20.8
01:00	22.8	24.2	73.0	75.5	1.4	22.4	72.4	100.8	19.9
02:00	22.3	23.4	72.1	74.1	1.1	22.0	71.5	101.0	19.4
03:00	21.9	22.7	71.4	72.9	.9	21.6	70.9	101.0	19.0
04:00	21.9	22.8	71.4	73.1	.9	21.6	71.0	101.1	19.0
05:00	21.4	22.1	70.4	71.8	.8	21.1	70.0	101.1	18.5
06:00	20.8	21.9	69.4	71.4	1.1	20.6	69.0	101.1	17.9
07:00	21.1	21.9	70.1	71.4	.7	20.8	69.5	100.6	18.2
08:00	23.0	22.5	73.3	72.4	-.5	18.9	65.9	79.7	16.0
09:00	25.3	24.1	77.6	75.4	-1.2	19.2	66.6	70.7	16.3
10:00	27.6	26.4	81.7	79.5	-1.3	19.5	67.1	62.9	16.4
11:00	29.3	27.9	84.7	82.2	-1.4	20.0	68.1	59.2	16.9
12:00	30.3	28.9	86.5	84.1	-1.3	19.7	67.4	54.9	16.5
13:00	31.2	29.9	88.1	85.8	-1.3	19.8	67.6	52.4	16.6
14:00	32.2	30.6	89.9	87.2	-1.5	17.9	64.2	44.1	14.8
15:00	33.0	31.3	91.4	88.4	-1.7	16.6	61.9	38.8	13.6
16:00	33.3 P	31.7 P	91.9 P	89.1 P	-1.5 P	P	P	36.6 P	13.0 P
17:00	33.2	31.8	91.7	89.3	-1.3	15.1	59.1	34.8	12.3
18:00	32.9	31.6	91.2	88.9	-1.3	15.7	60.2	36.8	12.8
19:00	32.0	31.1	89.6	88.0	-.9	17.1	62.7	42.3	14.0
20:00	29.7	29.5	85.5	85.2	-.2	21.0	69.8	61.9	18.0
21:00	27.1	27.8	80.8	82.0	.7	23.0	73.4	80.8	20.4
22:00	25.7	26.8	78.2	80.2	1.1	23.3	73.9	89.2	20.8
23:00	24.4	25.9	75.9	78.7	1.5	23.3	74.0	96.5	20.9
Avg	26.9	26.7	80.4	80.2	-.2	20.1	68.3	72.9	17.2
Max	33.3	31.8	91.9	89.3	1.5	23.3	74.0	101.1	20.9
Hr. of Max	16	17	16	17	23	23	23	06	23
Min	20.8	21.9	69.4	71.4	-1.7	15.1	59.1	34.8	12.3
Count	24	24	24	24	24	23	23	24	24
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0185	0.0184	28.5	29.2	2435291.6	.0	.00	.00	-2.5
01:00	0.0177	0.0175	27.2	27.8	2437210.7	.0	.00	.00	-2.2
02:00	0.0172	0.017	26.4	26.9	2438442.8	.0	.00	.00	-2.5
03:00	0.0168	0.0166	25.9	26.3	2439356.2	.0	.00	.00	-2.3
04:00	0.0168	0.0166	25.9	26.3	2439273.6	.0	.00	.00	-2.6
05:00	0.0163	0.0161	25.1	25.5	2440555.6	.0	.00	.00	-2.6
06:00	0.0157	0.0155	24.3	24.6	2441938.6	.0	.00	.00	5.8
07:00	0.016	0.0159	24.7	25.2	2441070.6	.0	.00	.00	81.5
08:00	0.0141	0.0177	21.9	28.1	2436745.0	.0	.00	.00	246.5
09:00	0.0144	0.0205	22.4	32.5	2431098.5	.0	.00	.00	425.9
10:00	0.0147	0.0234	22.8	37.1	2425653.5	.0	.00	.00	663.7
11:00	0.0153	0.0258	23.6	40.9	2421712.5	.0	.00	.00	786.1
12:00	0.015	0.0273	23.2	43.2	2419424.2	.0	.00	.00	868.9
13:00	0.0151	0.0287	23.3	45.5	2417272.8	.0	.00	.00	901.6
14:00	0.0134	0.0305	20.8	48.2	2414874.6	.0	.00	.00	890.4
15:00	0.0124	0.0319	19.2	50.5	2412953.6	.0	.00	.00	815.6
16:00	0.0119 P	0.0324 P	18.4 P	51.2 P	2412313.5 P	.0 P	.00 P	<	686.6 P
17:00	0.0112	0.0322	17.4	50.9	2412553.6	.0	.00	.00	548.9
18:00	0.0117	0.0317	18.1	50.1	2413220.6	.0	.00	.00	360.3
19:00	0.0127	0.0302	19.7	47.7	2415323.5	.0	.00	.00	168.7
20:00	0.0163	0.0265	25.1	41.9	2420716.5	.0	.00	.00	31.3
21:00	0.0184	0.0228	28.3	36.1	2426853.2	.0	.00	.00	-2.0
22:00	0.0186	0.0209	28.6	33.1	2430307.4	.0	.00	.00	-2.4
23:00	0.0187	0.0194	28.7	30.7	2433309.3	.0	.00	.00	-2.1
Avg	0.0154	0.0231	23.7	36.6	2427394.7	.0	.00	.00	310.9
Max	0.0187	0.0324	28.7	51.2	2441938.6	.0	.00	.00	901.6
Hr. of Max	23	16	23	16	06	23	23	23	13
Min	0.0112	0.0155	17.4	24.6	2412313.5	.0	.00	.00	-2.6
Count	24	24	24	24	24	24	24	23	24
Total									

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Interval: 001h

	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	.00	29.08	984.8	244	256	217	0	42	5
01:00	.00	29.08	984.7	270	223	268	0	35	7
02:00	.00	29.08	984.6	128	236	141	0	48	12
03:00	.00	29.07	984.5	262	226	274	0	39	11
04:00	.00	29.08	984.6	167	243	123	0	24	7
05:00	.00	29.08	984.9	223	228	239	0	48	8
06:00	.01	29.11	985.7	202	246	191	0	24	7
07:00	.12	29.13	986.4	172	230	157	0	54	6
08:00	.35	29.13	986.4	250	223	251	0	19	17
09:00	.61	29.13	986.6	225	214	224	0	26	19
10:00	.95	29.12	986.2	212	216	214	0	32	19
11:00	1.13	29.12	986.0	228	227	231	0	28	17
12:00	1.25	29.11	985.7	225	226	227	0	25	15
13:00	1.29	29.09	985.2	230	229	233	0	28	16
14:00	1.28	29.08	984.7	238	233	239	0	22	11
15:00	1.17	29.06	984.1	230	228	231	0	22	12
16:00	.98 P	29.04 P	983.3 P	231 P	229 P	233 P	0 P	24 P	13 P
17:00	.79	29.03	983.1	241	237	243	0	19	10
18:00	.52	29.03	983.1	241	235	242	0	19	10
19:00	.24	29.03	983.2	246	243	249	0	16	8
20:00	.04	29.04	983.3	252	247	245	0	22	9
21:00	.00	29.05	983.9	221	242	217	0	38	9
22:00	.00	29.07	984.5	238	232	231	0	38	4
23:00	.00	29.08	984.7	230	236	225	0	16	2
Avg	.45	29.08	984.8	228	233	0	0	30	11
Max	1.29	29.13	986.6	270	256	274	0	54	19
Hr. of Max	13	09	09	01	00	03	23	07	10
Min	.00	29.03	983.1	128	214	123	0	16	2
Count	24	24	24	24	24	24	24	24	24
Total									

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	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.3	3.3	.8	3.7	.3	1.5	2.7	7.3
01:00	.2	3.7	.7	4.1	.3	1.7	2.5	9.8
02:00	.4	4.2	1.1	4.6	.5	1.9	3.7	6.4
03:00	.4	6.6	.5	7.0	.2	3.0	1.8	11.7
04:00	.2	5.6	.2	6.1	.1	2.6	1.6	12.4
05:00	.2	4.3	.3	4.6	.1	1.9	1.6	10.3
06:00	.5	5.7	.6	6.1	.3	2.6	2.3	11.7
07:00	.3	5.5	.5	5.9	.2	2.5	2.1	8.9
08:00	1.6	5.5	1.7	6.0	.8	2.5	3.9	10.8
09:00	2.4	6.3	2.7	6.9	1.2	2.9	9.6	13.1
10:00	4.0	7.5	4.6	8.4	2.1	3.5	14.2	14.0
11:00	5.4	9.1	6.1	10.2	2.7	4.2	14.4	18.1
12:00	6.1	9.2	6.8	10.3	3.0	4.3	16.5	16.5
13:00	6.4	9.3	7.2	10.3	3.2	4.3	16.3	21.3
14:00	7.2	11.5	7.8	12.6	3.5	5.3	17.2	19.7
15:00	6.6	10.3	7.1	11.5	3.2	4.8	15.3	22.9
16:00	6.6 P	11.4	7.3 P	12.6	3.3 P	5.3	<	21.5
17:00	7.8	10.9	8.3	11.8	3.7	5.0	16.9	26.3
18:00	6.0	8.2	6.4	8.9	2.8	3.7	13.7	17.6
19:00	4.8	5.3	5.0	5.7	2.2	2.4	10.8	14.4
20:00	1.9	3.3	2.0	3.6	.9	1.5	6.9	6.4
21:00	.6	5.0	.7	5.3	.3	2.2	2.3	6.6
22:00	.6	6.0	.6	6.4	.3	2.7	2.3	11.2
23:00	1.1	5.6	1.2	6.0	.5	2.5	3.7	12.8
Avg	3.5	3.5	3.3	7.4	1.5	3.1	7.9	13.8
Max	7.8	11.5	8.3	12.6	3.7	5.3	17.2	26.3
Hr. of Max	17	14	17	16	17	16	14	17
Min	.2	3.3	.2	3.6	.1	1.5	1.6	6.4
Count	24	24	24	24	24	24	23	24
Total								