Date Printed: 07/15/2015 02:52

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

Daily Summary Report

Site: Tower "K" (1208)

7/14/2015

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	24.7	25.4	76.4	77.7	.7	24.3	75.8	101.1	22.2
01:00	24.1	24.8	75.3	76.7	.8	23.7	74.7	101.2	21.5
02:00	23.4	24.0	74.1	75.2	.6	23.1	73.6	101.2	20.7
03:00	23.4	23.3	74.1	74.0	.0	23.1	73.6	101.3	20.7
04:00	23.4	23.3	74.1	73.9	-.1	23.1	73.6	101.3	20.7
05:00	23.2	23.6	73.8	74.5	.4	23.0	73.3	101.4	20.5
06:00	23.3	23.7	73.9	74.6	.4	23.0	73.4	101.4	20.6
07:00	23.3	23.8	73.9	74.8	.5	23.0	73.5	101.4	20.6
08:00	23.6	23.8	74.4	74.8	.2	23.3	73.9	101.3	20.9
09:00	21.7	21.6	71.1	70.9	-.1	20.4	68.8	94.9	17.7
10:00	19.7 P	19.1 P	67.4 P	66.4 P	-.6 P	P	P	100.2 P	16.6 P
11:00	20.7	20.3	69.3	68.6	-.4	20.2	68.3	99.2	17.5
12:00	23.7	22.4	74.7	72.3	-1.3	17.9	64.3	71.8	15.1
13:00	26.1	24.5	79.0	76.1	-1.6	20.0	68.0	71.0	17.0
14:00	27.1	26.0	80.7	78.8	-1.1	21.3	70.3	73.0	18.4
15:00	25.0	24.7	77.0	76.5	-.3	22.9	73.3	91.1	20.4
16:00	23.0	21.8	73.4	71.2	-1.2	22.6	72.8	100.9	20.2
17:00	22.3	22.5	72.2	72.5	.2	22.0	71.7	101.1	19.5
18:00	21.1	21.2	69.9	70.2	.2	20.8	69.4	101.0	18.1
19:00	21.6	21.3	70.9	70.3	-.4	21.4	70.4	100.9	18.7
20:00	21.7	21.4	71.1	70.5	-.3	21.3	70.4	100.5	18.7
21:00	21.4	21.3	70.6	70.4	-.1	21.1	70.0	100.6	18.4
22:00	21.4	21.2	70.4	70.2	-.1	21.0	69.9	100.6	18.4
23:00	21.6	21.3	70.9	70.3	-.3	21.3	70.3	100.5	18.6
Avg	22.9	22.8	73.3	73.0	-.2	21.9	71.4	96.6	19.2
Max	27.1	26.0	80.7	78.8	.8	24.3	75.8	101.4	22.2
Hr. of Max	14	14	14	14	01	00	00	07	00
Min	19.7	19.1	67.4	66.4	-1.6	17.9	64.3	71.0	15.1
Count	24	24	24	24	24	23	23	24	24
Total									

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Interval: 001h

	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	0.0201	0.0199	30.5	31.1	2432701.9	.0	.00	.00	-2.5
01:00	0.0194	0.0192	29.5	30.0	2434149.7	.0	.00	.00	-2.4
02:00	0.0186	0.0184	28.3	28.8	2435736.7	.0	.00	.00	-2.3
03:00	0.0186	0.0184	28.3	28.8	2435762.0	.0	.00	.00	-2.7
04:00	0.0186	0.0184	28.3	28.8	2435795.5	.0	.00	.00	-2.4
05:00	0.0185	0.0182	28.1	28.5	2436155.7	.0	.00	.00	-2.6
06:00	0.0185	0.0183	28.2	28.7	2435988.1	.3	.01	.01	.4
07:00	0.0186	0.0183	28.2	28.7	2435947.3	.0	.00	.00	30.2
08:00	0.0188	0.0186	28.6	29.1	2435343.9	.0	.00	.00	44.0
09:00	0.0158	0.0166	24.2	26.1	2439735.6	.0	.00	.00	8.2
10:00	0.0146 P	0.0146 P	22.5 P	23.0 P	2444580.2 P	18.5 P	.73 P	<	17.1 P
11:00	0.0155	0.0156	23.7	24.5	2442079.3	.0	.00	.00	468.6
12:00	0.0135	0.0188	20.7	29.4	2434994.8	.0	.00	.00	765.0
13:00	0.0154	0.0217	23.5	33.9	2429320.6	.0	.00	.00	912.0
14:00	0.0167	0.0229	25.5	35.9	2427015.3	.0	.00	.00	378.3
15:00	0.0185	0.0203	28.1	31.8	2431868.3	3.0	.12	.12	12.3
16:00	0.0181	0.018	27.6	28.1	2436724.9	10.4	.41	.41	3.7
17:00	0.0175	0.0173	26.6	27.0	2438288.9	.0	.00	.00	8.0
18:00	0.0162	0.016	24.6	25.0	2441261.9	.0	.00	.00	24.0
19:00	0.0167	0.0166	25.5	25.9	2439902.0	.0	.00	.00	66.5
20:00	0.0167	0.0166	25.5	26.0	2439752.2	.0	.00	.00	14.9
21:00	0.0165	0.0164	25.1	25.6	2440386.7	.0	.00	.00	-2.4
22:00	0.0164	0.0163	25.0	25.5	2440555.9	.0	.00	.00	-1.9
23:00	0.0166	0.0165	25.3	25.9	2439982.2	.3	.01	.01	-2.7
Avg	0.0173	0.018	26.3	28.2	2436834.6	1.4	.05	.02	113.8
Max	0.0201	0.0229	30.5	35.9	2444580.2	18.5	.73	.41	912.0
Hr. of Max	00	14	00	14	10	10	10	16	13
Min	0.0135	0.0146	20.7	23.0	2427015.3	.0	.00	.00	-2.7
Count	24	24	24	24	24	24	24	23	24
Total									

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	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	28.77	974.4	306	181	308	0	34	20
01:00	.00	28.78	974.5	109	345	92	0	71	47
02:00	.00	28.78	974.6	17	7	41	0	71	32
03:00	.00	28.77	974.4	116	70	111	0	41	27
04:00	.00	28.75	973.6	243	236	257	0	34	24
05:00	.00	28.75	973.7	207	248	220	0	28	7
06:00	.00	28.78	974.6	121	190	99	0	33	15
07:00	.04	28.79	975.1	114	174	98	0	43	14
08:00	.06	28.80	975.3	44	81	60	0	34	49
09:00	.01	28.82	976.1	77	61	77	48	32	12
10:00	.02 P	28.85 P	977.0 P	91 P	90 P	88 P	81 P	<	<
11:00	.67	28.84	976.6	97	97	95	94	45	32
12:00	1.10	28.80	975.4	215	193	217	213	55	42
13:00	1.31	28.78	974.5	218	214	219	214	28	17
14:00	.54	28.74	973.4	227	230	220	218	26	14
15:00	.02	28.74	973.4	38	18	55	29	58	30
16:00	.01	28.72	972.5	111	132	130	104	71	55
17:00	.01	28.71	972.4	201	207	214	212	35	22
18:00	.03	28.73	972.9	234	222	231	224	27	13
19:00	.10	28.75	973.5	199	204	199	204	26	14
20:00	.02	28.75	973.5	234	228	231	216	23	12
21:00	.00	28.74	973.3	228	231	222	0	43	20
22:00	.00	28.75	973.5	218	226	216	0	39	14
23:00	.00	28.76	974.0	212	217	203	204	31	22
Avg	.16	28.77	974.3	174	193	0	0	40	24
Max	1.31	28.85	977.0	306	345	308	224	71	55
Hr. of Max	13	10	10	00	01	00	18	16	16
Min	.00	28.71	972.4	17	7	41	0	23	7
Count	24	24	24	24	24	24	24	23	23
Total									

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Interval: 001h

	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	.2	.8	1.0	1.3	.4	.4	2.5	4.6
01:00	.4	.5	.6	1.1	.3	.5	2.3	3.0
02:00	.3	3.9	.5	4.1	.2	1.8	3.7	6.2
03:00	.5	1.4	.8	1.9	.4	.8	2.5	4.1
04:00	.6	2.4	.8	2.7	.3	1.2	3.7	5.5
05:00	1.1	5.5	1.5	5.7	.7	2.5	4.4	9.4
06:00	.7	1.3	1.1	3.3	.5	1.4	3.7	9.8
07:00	.6	.7	.9	1.2	.4	.5	2.7	4.1
08:00	1.7	2.1	2.0	3.7	.9	1.6	7.3	21.1
09:00	6.3	13.5	7.0	14.0	3.1	6.9	27.5	36.2
10:00	3.2 P	9.8	4.6 P	11.5	2.1 P	5.2	<	39.8
11:00	2.0	4.8	2.5	5.3	1.1	2.4	8.2	15.6
12:00	2.2	3.7	3.3	4.3	1.5	1.9	11.7	14.7
13:00	5.5	6.1	6.2	6.3	2.8	2.8	13.3	16.7
14:00	5.4	7.9	6.2	8.0	2.8	3.6	17.9	22.4
15:00	1.1	6.5	2.0	7.3	.9	3.3	10.1	74.7
16:00	1.0	.9	2.0	5.9	.9	2.6	11.0	23.8
17:00	3.1	7.3	4.2	8.3	1.9	3.7	12.4	16.3
18:00	2.6	5.7	2.8	5.8	1.3	2.6	8.0	13.1
19:00	2.8	7.8	3.0	8.0	1.4	3.6	9.2	18.5
20:00	2.5	7.4	2.8	7.6	1.2	3.4	6.4	21.3
21:00	1.3	6.5	2.0	6.7	.9	3.0	6.2	12.2
22:00	1.6	5.7	1.8	5.8	.8	2.6	5.3	11.9
23:00	2.6	6.4	2.9	6.5	1.3	2.9	10.5	12.8
Avg	2.7	2.7	2.6	5.6	1.2	2.6	8.3	17.4
Max	6.3	13.5	7.0	14.0	3.1	6.9	27.5	74.7
Hr. of Max	09	09	09	09	09	09	09	15
Min	.2	.5	.5	1.1	.2	.4	2.3	3.0
Count	24	24	24	24	24	24	23	24
Total								