Date Printed: 07/23/2015 06:56

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

Daily Summary Report

Site: Tower "K" (1208)

7/22/2015

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	22.7	24.1	72.9	75.3	1.3	22.3	72.2	100.5	19.8
01:00	22.1	22.6	71.8	72.7	.5	21.8	71.2	100.7	19.2
02:00	21.7	22.2	71.1	72.0	.5	21.4	70.6	100.8	18.8
03:00	21.3	22.1	70.4	71.7	.7	21.0	69.9	100.9	18.4
04:00	21.1	21.6	69.9	70.8	.5	20.8	69.5	101.0	
05:00	20.7	21.2	69.2	70.2	.6	20.4	68.8	101.0	17.8
06:00	20.3	20.6	68.6	69.0	.2	20.1	68.2	101.0	17.4
07:00	20.3	20.2	68.6	68.4	-.1	20.1	68.2	101.1	17.4
08:00	21.3	21.0	70.4	69.8	-.3	20.3	68.6	96.8	17.6
09:00	23.7	23.0	74.7	73.4	-.7	17.2	62.9	68.7	14.4
10:00	26.5	25.5	79.7	77.9	-1.0	17.6	63.7	59.5	14.7
11:00	28.4	26.8	83.1	80.3	-1.6	18.6	65.5	57.0	15.5
12:00	29.3	28.0	84.8	82.4	-1.3	17.2	62.9	49.5	14.2
13:00	30.2	29.1	86.3	84.4	-1.0	16.9	62.5	46.4	14.0
14:00	30.7	29.2	87.3	84.6	-1.5	16.8	62.2	44.6	13.8
15:00	31.3	29.7	88.3	85.4	-1.6	16.3	61.4	41.9	13.4
16:00	29.5	29.1	85.1	84.4	-.4	18.5	65.2	54.0	15.4
17:00	23.5	24.8	74.2	76.6	1.3	23.0	73.4	100.0	20.6
18:00	23.2	23.3	73.8	73.9	.1	22.9	73.2	101.0	20.5
19:00	23.2	23.0	73.8	73.5	-.2	22.9	73.2	101.1	20.5
20:00	22.5	22.2	72.5	72.0	-.3	22.2	72.0	101.0	19.7
21:00	22.2	22.2	72.0	72.0	.0	21.9	71.5	101.0	
22:00	22.1	22.3	71.8	72.1	.2	21.9	71.3	101.1	
23:00	22.1	22.1	71.7	71.8	.1	21.8	71.3	101.2	
Avg	24.2	24.0	75.5	75.2	-.2	20.2	68.3	84.7	17.2
Max	31.3	29.7	88.3	85.4	1.3	23.0	73.4	101.2	20.6
Hr. of Max	15	15	15	15	17	17	17	23	17
Min	20.3	20.2	68.6	68.4	-1.6	16.3	61.4	41.9	13.4
Count	24	24	24	24	24	24	24	24	20
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	0.0177	0.0176	27.1	27.7	2437322.0	.0	.00	.00	-2.5
01:00	0.0171	0.017	26.2	26.7	2438775.7	.0	.00	.00	-2.7
02:00	0.0167	0.0166	25.6	26.1	2439702.2	.0	.00	.00	-2.7
03:00	0.0163	0.0162	25.0	25.4	2440659.2	.0	.00	.00	-2.6
04:00	0.0161	0.0159	24.6	25.0	2441244.8	.0	.00	.00	-2.5
05:00	0.0157	0.0156	24.1	24.5	2442139.9	.0	.00	.00	-2.7
06:00	0.0154	0.0152	23.6	23.9	2442960.6	.0	.00	.00	.9
07:00	0.0154	0.0152	23.6	23.9	2442977.5	.0	.00	.00	54.1
08:00	0.0156	0.0162	24.0	25.4	2440655.4	.0	.00	.00	201.0
09:00	0.0128	0.0188	19.7	29.5	2434898.1	.0	.00	.00	465.4
10:00	0.0132	0.0221	20.3	34.8	2428299.1	.0	.00	.00	662.2
11:00	0.014	0.0246	21.6	38.8	2423861.0	.0	.00	.00	790.3
12:00	0.0129	0.026	19.9	41.0	2421621.3	.0	.00	.00	793.1
13:00	0.0127	0.0273	19.5	43.0	2419668.2	.0	.00	.00	875.6
14:00	0.0126	0.0282	19.4	44.4	2418340.8	.0	.00	.00	791.1
15:00	0.0122	0.0291	18.8	45.8	2417014.4	.0	.00	.00	669.9
16:00	0.014	0.0264	21.6	41.5	2421216.6	1.3	.05	.05	164.1
17:00	0.0184	0.0184	28.1	29.0	2435541.5	12.2	.48	.48	42.5
18:00	0.0183	0.0181	28.0	28.5	2436186.8	1.0	.04	.04	30.8
19:00	0.0183	0.0181	28.0	28.5	2436154.3	2.3	.09	.09	22.1
20:00	0.0175	0.0174	26.8	27.3	2437873.3	.5	.02	.02	16.9
21:00	0.0172	0.017	26.4	26.8	2438567.8	.0	.00	.00	-2.3
22:00	0.0171	0.017	26.3	26.7	2438753.3	.0	.00	.00	-2.5
23:00	0.0171	0.0169	26.2	26.6	2438878.0	.0	.00	.00	-2.4
Avg	0.0156	0.0196	23.9	30.9	2433888.0	.7	.03	.03	231.5
Max	0.0184	0.0291	28.1	45.8	2442977.5	12.2	.48	.48	875.6
Hr. of Max	17	15	17	15	07	17	17	17	13
Min	0.0122	0.0152	18.8	23.9	2417014.4	.0	.00	.00	-2.7
Count	24	24	24	24	24	24	24	24	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	28.86	977.3	198	182	162	182	50	15
01:00	.00	28.87	977.6	172	204	68	204	47	12
02:00	.00	28.87	977.6	216	233	136	233	30	35
03:00	.00	28.87	977.7	357	202	4	202	36	15
04:00	.00	28.87	977.7	136	184	67	184	59	13
05:00	.00	28.88	977.9	157	193	152	193	39	14
06:00	.00	28.89	978.3	159	149	156	149	34	15
07:00	.08	28.90	978.8	279	256	214	256	50	15
08:00	.29	28.92	979.2	198	184	204	184	43	43
09:00	.67	28.92	979.5	246	227	239	227	31	36
10:00	.95	28.92	979.5	232	237	229	237	51	53
11:00	1.13	28.93	979.7	217	230	221	230	33	19
12:00	1.14	28.92	979.5	195	213	197	213	45	26
13:00	1.26	28.91	979.1	237	256	242	256	54	36
14:00	1.13	28.89	978.5	214	233	213	233	52	29
15:00	.96	28.87	977.8	217	237	222	237	30	23
16:00	.24	28.87	977.6	259	232	262	232	39	17
17:00	.06	28.88	978.1	145	294	196	294	49	19
18:00	.04	28.88	978.0	60	24	116	24	49	24
19:00	.03	28.88	978.2	264	281	262	281	35	13
20:00	.02	28.89	978.3	265	279	268	279	27	12
21:00	.00	28.90	978.7	263	281	269	281	24	11
22:00	.00	28.92	979.4	198	235	201	235	31	11
23:00	.00	28.93	979.8	157	186	178	186	62	20
Avg	.33	28.89	978.5	211	228	0	0	42	22
Max	1.26	28.93	979.8	357	294	269	294	62	53
Hr. of Max	13	23	23	03	17	21	17	23	10
Min	.00	28.86	977.3	60	24	4	24	24	11
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	.4	1.0	.8	1.3	.3	.6	2.3	3.5
01:00	.2	1.1	.9	1.4	.4	.6	2.3	3.5
02:00	.3	1.0	.8	1.3	.4	.6	2.7	3.8
03:00	.3	.8	.6	1.1	.3	.5	2.3	3.4
04:00	.1	.4	.2	.6	.1	.3	1.4	2.0
05:00	.3	.7	.5	.9	.2	.4	1.6	2.2
06:00	.3	.5	.4	.7	.2	.3	2.3	2.8
07:00	.2	.5	.4	.7	.2	.3	2.1	2.5
08:00	.5	1.1	.8	1.3	.4	.6	3.0	4.5
09:00	.7	1.1	.9	1.2	.4	.5	3.4	5.0
10:00	1.6	2.7	2.1	3.0	.9	1.3	6.0	9.0
11:00	2.6	3.8	3.2	4.2	1.4	1.9	7.8	11.0
12:00	3.0	4.6	3.7	5.0	1.6	2.3	9.2	14.0
13:00	2.8	4.6	3.7	5.0	1.6	2.3	10.5	14.5
14:00	2.1	4.4	3.1	4.8	1.4	2.2	8.5	13.0
15:00	3.1	4.7	3.6	5.1	1.6	2.3	8.5	13.0
16:00	2.1	4.3	2.6	4.7	1.2	2.0	13.5	11.9
17:00	.7	3.4	3.2	4.4	1.4	2.0	11.7	10.5
18:00	.7	2.7	2.1	4.4	.9	2.0	11.0	10.5
19:00	2.4	3.5	2.8	3.4	1.2	1.6	6.9	6.9
20:00	2.3	2.6	2.4	2.6	1.1	1.2	7.8	6.4
21:00	1.2	1.9	1.6	1.9	.7	.9	3.7	5.3
22:00	1.6	2.5	1.8	2.5	.8	1.1	5.7	5.3
23:00	.8	1.8	1.2	1.8	.5	.8	4.1	5.0
Avg	.9	.9	1.8	2.6	.8	1.2	5.8	7.1
Max	3.1	4.7	3.7	5.1	1.6	2.3	13.5	14.5
Hr. of Max	15	15	13	15	15	15	16	13
Min	.1	.4	.2	.6	.1	.3	1.4	2.0
Count	24	24	24	24	24	24	24	24
Total								