Date Printed: 07/30/2015 08:34

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

Daily Summary Report

Site: Tower "K" (1208)

7/29/2015

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	24.2	24.3	75.6	75.7	.0	23.8	74.9	100.7	21.6
01:00	23.8	23.7	74.9	74.7	-.1	23.4	74.2	100.6	21.1
02:00	23.5	23.9	74.3	74.9	.4	23.1	73.6	100.7	20.7
03:00	23.2	23.4	73.7	74.2	.3	22.8	73.0	100.7	20.3
04:00	22.6	23.1	72.7	73.7	.6	22.3	72.1	100.9	19.8
05:00	22.2	22.4	72.0	72.3	.2	21.9	71.5	101.0	19.4
06:00	22.1	22.5	71.8	72.4	.4	21.8	71.3	101.1	19.3
07:00	22.1	22.2	71.8	72.0	.1	21.8	71.3	101.2	19.3
08:00	23.5	23.2	74.2	73.8	-.2	21.1	70.0	89.6	18.4
09:00	26.0	25.4	78.8	77.7	-.6	18.4	65.1	64.6	15.4
10:00	27.8	27.2	82.1	81.0	-.6	O	O	59.5 O	O
11:00	29.3	28.3	84.8	83.0	-.6	18.0	64.4	52.3	15.0
12:00	29.9	29.0	85.9	84.3	-.9	20.5	68.9	58.7	17.4
13:00	31.0	30.1	87.7	86.2	-.9	O	O	57.6	17.9 O
14:00	31.2	30.7	86.9	87.2	-.5	19.2	66.5	52.6	16.3
15:00	31.4	30.6	88.5	87.1	-.8	20.6	69.0	54.8	17.5
16:00	32.2	31.2	89.9	88.1	-1.0	19.2	66.5	47.9	16.0
17:00	32.3	31.3	90.2	88.3	-1.0	18.7	65.7	46.0	15.5
18:00	32.4	31.3	90.3	88.3	-1.1	18.1	64.7	44.3	15.0
19:00	31.5	30.8	88.7	87.5	-.6	21.5	70.7	57.8	18.5
20:00	29.4	29.5	84.8	85.1	.1	24.5	76.1	78.1	22.2
21:00	27.6	28.3	81.7	83.0	.7	25.7	78.2	92.3	23.8
22:00	27.5	27.7	81.6	81.9	.2	25.1	77.3	89.9	23.1
23:00	26.7	26.9	80.1	80.4	.2	24.4	76.0	90.1	22.2
Avg	27.2	27.0	81.0	80.5	-.2	21.6	71.0	76.8	18.9
Max	32.4	31.3	90.3	88.3	.7	25.7	78.2	101.2	23.8
Hr. of Max	18	18	18	18	21	21	21	07	21
Min	22.1	22.2	71.8	72.0	-1.1	18.0	64.4	44.3	15.0
Count	24	24	24	24	24	22	22	24	23
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	0.0194	0.0192	29.6	30.3	2433771.9	.0	.00	.00	-2.7
01:00	0.0189	0.0188	28.9	29.6	2434707.3	.0	.00	.00	-2.5
02:00	0.0185	0.0184	28.4	29.1	2435452.5	.0	.00	.00	-2.8
03:00	0.0182	0.0181	27.8	28.5	2436270.3	.0	.00	.00	-2.8
04:00	0.0176	0.0174	27.0	27.5	2437630.6	.0	.00	.00	-2.6
05:00	0.0172	0.017	26.4	26.8	2438542.7	.0	.00	.00	-2.1
06:00	0.0171	0.0169	26.2	26.7	2438808.1	.0	.00	.00	.1
07:00	0.0171	0.0169	26.2	26.6	2438837.0	.0	.00	.00	43.9
08:00	0.0164	0.0184	25.2	29.0	2435549.0	.0	.00	.00	202.0
09:00	0.0138	0.0214	21.3	33.8	2429502.5	.0	.00	.00	437.0
10:00	O	O	O	37.5	2425228.8	.0	.00	.00	605.5 +
11:00	0.0135	0.0259	20.9	41.0	2421653.2	.0	.00	.00	742.8
12:00	0.0157	0.0268	24.3	42.5	2420184.1	.0	.00	.00	536.3
13:00	0.0163 O	0.0285 O	25.2 O	45.0 O	2417756.3 O	.0	.00	.00	616.9
14:00	0.0149	0.0282	22.9	44.6	2418876.9	.0	.00	.00	620.1
15:00	0.0159	0.0292	24.6	46.2	2416681.0	.0	.00	.00	520.0
16:00	0.0146	0.0305	22.5	48.2	2414869.9	.0	.00	.00	497.2
17:00	0.0142	0.0308	21.9	48.6	2414500.8	.0	.00	.00	453.3
18:00	0.0137	0.0308	21.1	48.7	2414429.9	.0	.00	.00	305.8
19:00	0.0169	0.0293	26.0	46.4	2416520.3	.0	.00	.00	113.7
20:00	0.0202	0.026	30.9	41.1	2421570.0	.0	.00	.00	12.8
21:00	0.0216	0.0235	33.1	37.1	2425695.7	.0	.00	.00	-2.1
22:00	0.0209	0.0233	32.1	36.9	2425911.6	.0	.00	.00	-2.2
23:00	0.02	0.0222	30.7	35.2	2427793.9	.0	.00	.00	-1.9
Avg	0.0171	0.0234	26.2	37.0	2426697.7	.0	.00	.00	236.9
Max	0.0216	0.0308	33.1	48.7	2438837.0	.0	.00	.00	742.8
Hr. of Max	21	18	21	18	07	23	23	23	11
Min	0.0135	0.0169	20.9	26.6	2414429.9	.0	.00	.00	-2.8
Count	23	23	23	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	28.96	980.8	183	219	184	219	44	15
01:00	.00	28.97	981.1	256	267	251	267	42	16
02:00	.00	28.96	980.6	243	245	253	231	45	13
03:00	.00	28.95	980.4	198	216	164	216	62	16
04:00	.00	28.94	980.0	72	57	67	57	53	34
05:00	.00	28.95	980.4	40	157	45	157	61	20
06:00	.00	28.97	981.1	129	44	135	44	58	29
07:00	.06	28.99	981.7	349	359	328	359	47	24
08:00	.29	29.00	982.1	129	48	94	48	63	33
09:00	.63	29.00	982.1	301	92	24	64	63	32
10:00	.87 +	29.01 O	982.3 O	25	54	55	25	61	15
11:00	1.07	29.09	985.2	114	51	138	51 O	65	18 O
12:00	.77	29.09	985.1	200	200	207	207	64	28
13:00	.88	29.08	984.8	216	210	157	210	58	50
14:00	.89	29.06	984.2	280	274	260	256	45	45
15:00	.75	29.04	983.6	95	105	90	89	41	41
16:00	.71	29.02	982.9	111	91	102	95	40	24
17:00	.65	29.01	982.5	100	88	93	94	42	22
18:00	.44	29.01	982.6	127	139	136	144	47	37
19:00	.16	29.03	983.0	216	229	221	230	30	14
20:00	.02	29.03	983.3	281	257	288	257	28	13
21:00	.00	29.05	983.8	240	278	232	280	38	10
22:00	.00	29.08	984.7	297	312	303	313	39	13
23:00	.00	29.08	984.9	231	289	235	291	40	15
Avg	.34	29.02	982.6	193	201	0	0	49	24
Max	1.07	29.09	985.2	349	359	328	359	65	50
Hr. of Max	11	12	11	07	07	07	07	11	13
Min	.00	28.94	980.0	25	44	24	25	28	10
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	.5	1.7	1.3	2.0	.6	.9	3.4	6.0
01:00	.4	1.1	.8	1.4	.4	.6	2.7	4.0
02:00	.6	1.5	1.2	1.8	.5	.8	3.9	6.5
03:00	.3	1.0	.7	1.2	.3	.5	2.5	4.5
04:00	1.1	1.8	1.3	2.0	.6	.9	3.7	6.0
05:00	.5	1.0	.7	1.2	.3	.5	3.2	5.7
06:00	.4	.8	.6	1.0	.3	.4	3.0	5.5
07:00	.3	.8	.6	1.0	.3	.4	2.3	5.0
08:00	.1	.7	.5	.9	.2	.4	2.3	5.0
09:00	.3	1.3	1.1	1.5	.5	.7	4.1	7.0
10:00	.7	1.7	1.4	2.0	.6	.9	6.0	12.0
11:00	.6	1.5 O	1.4	1.8	.6	.8	6.6	13.0
12:00	.9	1.8	1.6	2.2	.7	1.0	6.0	8.7
13:00	2.8	3.4	3.3	4.0	1.5	1.8	8.0	11.0
14:00	.5	.6	2.6	3.3	1.2	1.5	7.6	9.6
15:00	1.4	2.2	2.2	2.5	1.0	1.1	5.7	8.0
16:00	1.8	2.8	2.0	3.1	.9	1.4	6.4	7.1
17:00	1.9	3.1	2.1	3.3	.9	1.5	6.6	9.8
18:00	.8	1.6	1.3	2.7	.6	1.2	5.5	5.7
19:00	1.5	3.2	1.8	3.3	.8	1.5	6.0	6.4
20:00	.4	2.3	.8	2.4	.3	1.1	2.3	3.9
21:00	.7	4.0	1.0	4.1	.5	1.9	3.4	7.1
22:00	.9	3.5	1.2	3.5	.5	1.6	3.4	7.1
23:00	.7	3.1	1.0	3.7	.5	1.7	4.8	7.3
Avg	.9	.9	1.4	2.3	.6	1.0	4.6	7.2
Max	2.8	4.0	3.3	4.1	1.5	1.9	8.0	13.0
Hr. of Max	13	21	13	21	13	21	13	11
Min	.1	.6	.5	.9	.2	.4	2.3	3.9
Count	24	24	24	24	24	24	24	24
Total								