Date Printed: 07/25/2015 07:07

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

Daily Summary Report

Site: Tower "K" (1208)

7/24/2015

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	21.4	21.8	70.6	71.2	.4	21.2	70.1	101.1	18.6
01:00	21.1	21.4	69.9	70.5	.3	20.8	69.5	101.1	18.2
02:00	20.9	20.8	69.6	69.5	.0	20.7	69.2	101.1	18.0
03:00	20.5	20.7	68.8	69.2	.2	20.2	68.4	101.1	17.6
04:00	20.1	20.4	68.1	68.7	.3	19.9	67.8	101.1	17.2
05:00	19.9	20.1	67.8	68.2	.2	19.7	67.4	101.1	17.0
06:00	19.7	19.8	67.4	67.6	.1	19.5	67.0	101.1	16.8
07:00	19.9	19.7	67.8	67.5	-.2	19.7	67.4	101.2	17.0
08:00	20.3	20.1	68.5	68.1	-.2	20.1	68.2	101.3	17.4
09:00	21.1	20.7	70.0	69.3	-.4	20.0	67.9	95.7	17.2
10:00	22.6	21.9	72.7	71.4	-.7	17.6	63.7	75.5	14.9
11:00	25.1	24.4	77.2	75.9	-.7	18.1	64.5	66.8	15.2
12:00	27.1	26.5	80.7	79.6	-.6	17.3	63.2	56.8	14.4
13:00	28.5	27.9	83.3	82.2	-.6	18.0	64.4	54.7	15.0
14:00	29.4	28.4	84.9	83.1	-1.0	17.9	64.2	51.5	14.8
15:00	29.9	29.0	85.9	84.2	-.9	16.8	62.2	46.7	13.9
16:00	30.7	30.1	87.2	86.2	-.6	14.5	58.2	38.8	12.0
17:00	30.6	30.2	87.1	86.3	-.4	13.6	56.4	36.5	11.3
18:00	29.6	29.2	85.3	84.6	-.4	16.5	61.6	46.5	13.6
19:00	28.5	28.6	83.4	83.5	.1	18.4	65.1	56.0	15.4
20:00	26.6	27.5	79.9	81.5	.9	20.3	68.5	70.5	17.3
21:00	25.3	25.9	77.6	78.7	.6	21.9	71.4	83.7	19.2
22:00	23.4	24.6	74.0	76.3	1.3	22.4	72.3	97.0	19.8
23:00	22.4	23.8	72.3	74.8	1.4	22.0	71.6	100.6	19.5
Avg	24.4	24.3	75.8	75.8	.0	19.0	66.3	78.6	16.3
Max	30.7	30.2	87.2	86.3	1.4	22.4	72.3	101.3	19.8
Hr. of Max	16	17	16	17	23	22	22	08	22
Min	19.7	19.7	67.4	67.5	-1.0	13.6	56.4	36.5	11.3
Count	24	24	24	24	24	24	24	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	0.0164	0.0163	25.2	25.6	2440365.2	.0	.00	.00	-2.7
01:00	0.0161	0.0159	24.7	25.1	2441226.0	.0	.00	.00	-2.6
02:00	0.0159	0.0157	24.4	24.7	2441693.1	.0	.00	.00	-3.1
03:00	0.0155	0.0153	23.8	24.1	2442689.4	.0	.00	.00	-2.7
04:00	0.0151	0.015	23.2	23.5	2443606.7	.0	.00	.00	-2.4
05:00	0.0149	0.0148	23.0	23.2	2444094.1	.0	.00	.00	-3.1
06:00	0.0147	0.0146	22.7	22.9	2444598.9	.0	.00	.00	.7
07:00	0.0149	0.0148	23.0	23.3	2444067.3	.0	.00	.00	49.7
08:00	0.0153	0.0151	23.6	23.9	2443063.2	.3	.01	.01	146.2
09:00	0.0152	0.0159	23.4	25.1	2441202.0	.0	.00	.00	244.1
10:00	0.0131	0.0174	20.3	27.5	2437614.2	.0	.00	.00	470.4
11:00	0.0135	0.0203	20.9	32.0	2431671.5	.0	.00	.00	556.1
12:00	0.0129	0.0228	20.0	35.9	2426997.3	.0	.00	.00	890.2
13:00	0.0135	0.0248	20.9	39.0	2423630.5	.0	.00	.00	952.0
14:00	0.0134	0.0261	20.7	41.1	2421500.7	.0	.00	.00	770.8
15:00	0.0126	0.027	19.4	42.4	2420188.9	.0	.00	.00	680.4
16:00	0.0109	0.0281	16.9	44.3	2418411.1	.0	.00	.00	730.6
17:00	0.0102	0.028	15.8	44.1	2418602.7	.0	.00	.00	551.5
18:00	0.0123	0.0264	19.0	41.6	2420993.0	.0	.00	.00	287.4
19:00	0.0139	0.0249	21.4	39.2	2423489.1	.0	.00	.00	144.6
20:00	0.0156	0.0222	24.0	34.9	2428117.5	.0	.00	.00	26.2
21:00	0.0172	0.0206	26.4	32.4	2431106.1	.0	.00	.00	-2.2
22:00	0.0177	0.0183	27.1	28.8	2435827.4	.0	.00	.00	-2.4
23:00	0.0173	0.0172	26.5	27.1	2438165.5	.0	.00	.00	-2.7
Avg	0.0145	0.0199	22.3	31.3	2433455.1	.0	.00	.00	269.9
Max	0.0177	0.0281	27.1	44.3	2444598.9	.3	.01	.01	952.0
Hr. of Max	22	16	22	16	06	08	08	08	13
Min	0.0102	0.0146	15.8	22.9	2418411.1	.0	.00	.00	-3.1
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	28.93	979.8	238	277	52	277	40	13
01:00	.00	28.93	979.6	225	194	269	194	34	10
02:00	.00	28.92	979.5	227	231	229	231	49	24
03:00	.00	28.92	979.3	160	186	34	186	62	17
04:00	.00	28.93	979.6	53	144	65	144	52	12
05:00	.00	28.93	979.6	226	149	144	149	25	48
06:00	.00	28.95	980.4	119	191	74	191	35	17
07:00	.07	28.97	981.0	55	183	280	183	48	19
08:00	.21	28.98	981.4	218	232	219	232	38	33
09:00	.35	28.99	981.6	244	180	247	219	48	46
10:00	.67	28.99	981.6	220	220	230	220	66	46
11:00	.80	28.98	981.5	236	351	245	311	46	52
12:00	1.28	28.97	981.1	56	28	79	28	83	48
13:00	1.37	28.96	980.7	273	172	255	172	82	47
14:00	1.11	28.94	980.1	247	272	219	272	66	43
15:00	.98	28.93	979.6	256	270	256	270	38	25
16:00	1.05	28.91	979.2	308	252	295	44	60	35
17:00	.79	28.90	978.8	360	22	32	22	61	21
18:00	.41	28.90	978.8	64	39	66	39	36	16
19:00	.21	28.91	978.9	77	31	74	31	35	15
20:00	.04	28.91	979.2	72	35	80	35	44	15
21:00	.00	28.93	979.6	49	25	65	25	61	14
22:00	.00	28.94	980.0	324	6	353	6	44	17
23:00	.00	28.94	980.1	105	60	103	60	47	20
Avg	.39	28.94	980.0	231	219	0	0	50	27
Max	1.37	28.99	981.6	360	351	353	311	83	52
Hr. of Max	13	10	10	17	11	22	11	12	11
Min	.00	28.90	978.8	49	6	32	6	25	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	.1	.2	.1	.3	.1	.2	1.4	2.5
01:00	.0	.2	.1	.3	.0	.2	1.4	2.0
02:00	.2	.3	.3	.3	.1	.1	1.8	3.0
03:00	.1	.3	.1	.3	.1	.1	1.4	2.5
04:00	.2	.4	.2	.4	.1	.2	1.4	2.5
05:00	.1	.3	.3	5.0	.1	2.3	1.4	2.5
06:00	.1	.6	.5	.8	.2	.3	1.8	3.0
07:00	.0	.3	.2	.5	.1	.2	2.3	3.0
08:00	.6	.9	.8	1.2	.4	.5	2.7	3.5
09:00	.8	1.1	1.0	1.4	.4	.6	4.4	5.5
10:00	.6	1.2	1.0	1.5	.4	.7	5.3	7.0
11:00	.7	2.0	1.7	2.3	.8	1.1	4.8	6.0
12:00	.4	1.9	1.6	2.2	.7	1.0	5.3	7.0
13:00	.6	2.2	2.0	2.5	.9	1.2	7.6	9.0
14:00	.9	2.7	2.4	3.0	1.1	1.3	8.9	11.0
15:00	2.6	3.4	3.1	3.7	1.4	1.6	10.1	13.0
16:00	1.4	2.5	2.3	2.8	1.0	1.2	7.8	9.5
17:00	.8	1.8	1.6	2.1	.7	.9	7.6	9.0
18:00	1.9	2.5	2.2	2.8	1.0	1.3	7.6	9.0
19:00	1.2	1.6	1.4	1.9	.6	.8	4.8	6.0
20:00	1.2	1.3	1.3	1.6	.6	.7	4.8	6.0
21:00	.5	1.0	.9	1.2	.4	.5	2.7	4.0
22:00	.1	.6	.5	.8	.2	.3	2.5	3.5
23:00	.6	.9	.8	1.1	.3	.5	2.3	3.5
Avg	.5	.5	1.1	1.6	.5	.7	4.3	5.6
Max	2.6	3.4	3.1	5.0	1.4	2.3	10.1	13.0
Hr. of Max	15	15	15	05	15	05	15	15
Min	.0	.2	.1	.3	.0	.1	1.4	2.0
Count	24	24	24	24	24	24	24	24
Total								