Date Printed: 07/24/2015 08:29

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

Daily Summary Report

Site: Tower "K" (1208)

7/23/2015

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	21.9	22.0	71.5	71.6	.1	21.7	71.0	101.2	
01:00	21.7	21.8	71.0	71.3	.2	21.4	70.5	101.2	
02:00	21.6	21.6	70.8	70.9	.0	21.3	70.4	101.2	18.7
03:00	21.9	21.8	71.4	71.2	-.1	21.7	71.0	101.3	19.1
04:00	22.0	21.8	71.6	71.2	-.3	21.8	71.2	101.3	19.2
05:00	22.0	21.7	71.6	71.1	-.3	21.8	71.2	101.3	19.2
06:00	22.0	21.6	71.6	71.0	-.3	21.8	71.2	101.4	19.2
07:00	22.1	21.8	71.8	71.2	-.4	21.9	71.4	101.4	19.3
08:00	22.3	21.9	72.1	71.4	-.4	22.0	71.7	101.4	19.5
09:00	22.5	22.2	72.6	71.9	-.4	22.3	72.2	101.4	19.8
10:00	23.1	22.6	73.6	72.6	-.5	22.9	73.1	101.3	20.4
11:00	23.1	22.7	73.5	72.9	-.4	22.8	73.0	101.2	20.3
12:00	22.6	22.4	72.7	72.3	-.2	22.3	72.2	101.2	19.8
13:00	23.1	22.7	73.5	72.9	-.3	22.8	73.0	101.3	20.3
14:00	22.9	22.6	73.2	72.7	-.3	22.6	72.7	101.2	20.1
15:00	24.0	23.5	75.2	74.3	-.5	23.6	74.5	100.6	21.3
16:00	24.2 P	23.6 P	75.5 P	74.4 P	-.6 P	P	P	96.9 P	20.7 P
17:00	23.5	23.1	74.3	73.7	-.3	23.1	73.7	100.9	20.8
18:00	23.7	23.3	74.6	73.9	-.4	23.3	73.9	100.8	20.9
19:00	23.6	23.0	74.4	73.4	-.5	22.8	73.1	98.5	20.4
20:00	23.2	23.0	73.8	73.3	-.3	21.7	71.0	93.5	19.0
21:00	22.6	22.4	72.6	72.3	-.1	22.2	71.9	100.6	19.7
22:00	22.1	22.2	71.8	71.9	.1	21.8	71.2	100.9	19.2
23:00	21.8	22.0	71.3	71.6	.2	21.6	70.8	101.0	19.0
Avg	22.6	22.4	72.8	72.3	-.3	22.2	72.0	100.5	19.8
Max	24.2	23.6	75.5	74.4	.2	23.6	74.5	101.4	21.3
Hr. of Max	16	16	16	16	23	15	15	09	15
Min	21.6	21.6	70.8	70.9	-.6	21.3	70.4	93.5	18.7
Count	24	24	24	24	24	23	23	24	22
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	0.0169	0.0168	26.0	26.4	2439200.3	.0	.00	.00	-2.6
01:00	0.0167	0.0165	25.6	26.0	2439851.8	.0	.00	.00	-2.9
02:00	0.0166	0.0164	25.5	25.8	2440053.4	.0	.00	.00	-2.5
03:00	0.0169	0.0167	26.0	26.3	2439295.3	.0	.00	.00	-2.5
04:00	0.0171	0.0169	26.2	26.5	2438998.7	.0	.00	.00	-2.8
05:00	0.017	0.0168	26.1	26.5	2439060.0	.0	.00	.00	-2.9
06:00	0.017	0.0168	26.1	26.5	2439061.2	.0	.00	.00	-.6
07:00	0.0172	0.0169	26.3	26.7	2438782.1	.0	.00	.00	17.7
08:00	0.0173	0.0171	26.6	26.9	2438405.6	.0	.00	.00	32.4
09:00	0.0176	0.0174	27.0	27.4	2437748.1	1.3	.05	.05	53.8
10:00	0.0182	0.018	27.9	28.4	2436386.6	.3	.01	.01	138.2
11:00	0.0181	0.0179	27.8	28.3	2436518.6	15.0	.59	.59	46.2
12:00	0.0177	0.0175	27.1	27.5	2437585.5	4.1	.16	.16	67.8
13:00	0.0182	0.0179	27.8	28.3	2436526.7	3.3	.13	.13	113.3
14:00	0.018	0.0177	27.5	27.9	2436971.9	5.8	.23	.23	70.9
15:00	0.0191	0.019	29.2	29.9	2434283.1	.0	.00	.00	468.2
16:00	0.0186 P	0.0192 P	28.4 P	30.2 P	2433886.8 P	3.3 P	.13 P	<	163.9 P
17:00	0.0186	0.0184	28.4	29.0	2435506.1	2.5	.10	.10	169.3
18:00	0.0188	0.0186	28.7	29.3	2435113.9	.0	.00	.00	78.7
19:00	0.0182	0.0185	27.9	29.1	2435340.0	.0	.00	.00	89.1
20:00	0.017	0.0182	26.0	28.6	2436113.6	.0	.00	.00	29.5
21:00	0.0175	0.0174	26.8	27.4	2437725.3	.0	.00	.00	-2.1
22:00	0.0171	0.0169	26.2	26.7	2438809.7	.0	.00	.00	-2.5
23:00	0.0168	0.0167	25.8	26.2	2439443.3	.0	.00	.00	-2.8
Avg	0.0176	0.0175	27.0	27.6	2437527.8	1.5	.06	.06	63.1
Max	0.0191	0.0192	29.2	30.2	2440053.4	15.0	.59	.59	468.2
Hr. of Max	15	16	15	16	02	11	11	11	15
Min	0.0166	0.0164	25.5	25.8	2433886.8	.0	.00	.00	-2.9
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	28.94	980.1	144	205	140	205	41	12
01:00	.00	28.94	980.1	90	218	109	218	45	13
02:00	.00	28.94	979.9	143	242	246	242	47	10
03:00	.00	28.93	979.7	205	227	224	227	29	14
04:00	.00	28.92	979.4	269	269	253	269	37	19
05:00	.00	28.92	979.5	246	259	260	259	62	30
06:00	.00	28.94	980.0	248	254	238	260	49	21
07:00	.03	28.95	980.3	275	248	271	248	21	15
08:00	.05	28.95	980.5	22	8	16	0	42	32
09:00	.08	28.96	980.9	340	336	50	306	56	36
10:00	.20	28.96	980.7	119	204	104	204	39	19
11:00	.07	28.96	980.8	209	220	176	220	66	18
12:00	.10	28.95	980.5	329	321	329	300	60	18
13:00	.16	28.95	980.3	51	8	60	8	44	16
14:00	.10	28.93	979.7	75	33	72	33	53	32
15:00	.67	28.91	979.1	75	42	77	42	41	19
16:00	.24 P	28.90 P	978.7 P	60	42	71	37	57 O	19
17:00	.24	28.88	978.1	114	72	101	72	51	30
18:00	.11	28.88	978.1	66	57	70	57	37	14
19:00	.13	28.89	978.5	75	57	71	57	50	10
20:00	.04	28.90	978.7	95	47	70	47	51	15
21:00	.00	28.92	979.4	217	217	218	217	60	54
22:00	.00	28.94	980.0	285	261	13	261	40	18
23:00	.00	28.94	980.0	114	335	99	335	32	14
Avg	.09	28.93	979.7	102	297	0	0	46	21
Max	.67	28.96	980.9	340	336	329	335	66	54
Hr. of Max	15	11	09	09	09	12	23	11	21
Min	.00	28.88	978.1	22	8	13	0	21	10
Count	24	24	24	24	24	24	24	24	24
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	.6	1.0	.3	.4	1.8	2.5
01:00	.5	1.1	.8	1.3	.4	.6	2.3	2.3
02:00	.1	.4	.2	.5	.1	.2	1.6	2.5
03:00	.7	1.2	.8	1.4	.4	.6	3.7	5.0
04:00	.4	.9	.7	1.1	.3	.5	2.5	3.5
05:00	.4	.6	.5	.8	.2	.3	2.1	3.0
06:00	.5	.0	.6	1.0	.3	.4	3.2	4.0
07:00	1.5	.0	1.6	2.2	.7	1.0	4.4	5.5
08:00	.3	.0	.8	1.3	.3	.6	3.9	5.0
09:00	.4	.0	.8	1.3	.4	.6	3.9	5.0
10:00	.7	.1	.9	1.5	.4	.7	3.7	4.8
11:00	1.0	1.3	1.5	2.0	.7	.9	8.0	7.6
12:00	.1	.3	.6	1.0	.3	.4	3.7	4.5
13:00	.8	1.0	1.0	1.0	.4	.4	3.7	4.5
14:00	1.4	2.5	1.5	2.4	.7	1.1	6.4	7.3
15:00	1.7	.2	2.0	2.5	.9	1.1	7.8	9.0
16:00	1.4	2.0	1.7	2.2	.8	1.0	6.7	8.0
17:00	1.0	1.6	1.4	1.8	.6	.8	5.5	7.0
18:00	1.8	2.0	2.0	2.5	.9	1.1	6.4	8.0
19:00	1.3	1.7	1.5	2.0	.7	.9	5.5	7.0
20:00	.7	1.1	.9	1.3	.4	.6	4.1	5.0
21:00	.1	.8	.5	1.0	.2	.4	1.8	3.0
22:00	.1	.5	.4	.7	.2	.3	2.3	3.0
23:00	.5	.6	.5	.8	.2	.3	1.6	2.5
Avg	.5	.5	1.0	1.4	.5	.6	4.0	5.0
Max	1.8	2.5	2.0	2.5	.9	1.1	8.0	9.0
Hr. of Max	18	14	18	18	18	18	11	15
Min	.1	.0	.2	.5	.1	.2	1.6	2.3
Count	24	24	24	24	24	24	24	24
Total								