Date Printed: 07/22/2015 10:17

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

Daily Summary Report

Site: Tower "K" (1208)

7/21/2015

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	21.7	21.8	71.1	71.2	.1	21.5	70.7	101.2	18.9
01:00	21.6	21.6	70.8	70.9	.1	21.3	70.4	101.2	18.7
02:00	21.7	21.6	71.1	70.9	-.1	21.5	70.7	101.3	18.9
03:00	21.7	21.7	71.1	71.0	-.1	21.5	70.7	101.3	18.9
04:00	21.8	21.8	71.2	71.2	.0	21.5	70.8	101.3	18.9
05:00	21.8	21.9	71.2	71.4	.1	21.6	70.8	101.3	19.0
06:00	21.8	21.9	71.2	71.5	.2	21.5	70.8	101.4	18.9
07:00	21.9	21.9	71.4	71.5	.1	21.7	71.0	101.4	19.1
08:00	22.6	22.3	72.7	72.2	-.3	22.4	72.3	101.4	19.9
09:00	24.3	23.5	75.8	74.3	-.8	22.7	72.9	93.5	20.2
10:00	26.4	25.3	79.6	77.5	-1.1	21.9	71.4	78.6	19.1
11:00	27.1	26.6	80.7	79.9	-.5	22.4	72.3	78.0	19.7
12:00	28.7	27.8	83.7	82.1	-.9	22.2	71.9	69.9	19.3
13:00	30.1	29.5	86.1	85.1	-.5	21.5	70.6	62.2	18.4
14:00	30.8	30.0	87.4	86.1	-.7	19.4	67.0	52.6	16.3
15:00	31.1	30.4	88.0	86.8	-.7	17.4	63.3	45.2	14.3
16:00	31.2	30.5	88.2	86.9	-.7	16.5	61.7	42.7	13.6
17:00	31.2	30.3	88.1	86.6	-.8	15.6	60.0	40.2	12.8
18:00	30.0	29.6	86.0	85.2	-.4	16.7	62.0	46.1	13.7
19:00	29.4	29.1	85.0	84.4	-.3	18.3	64.9	52.6	15.2
20:00	28.1	28.1	82.5	82.5	.0	20.0	68.0	63.6	16.9
21:00	26.3	26.8	79.3	80.2	.5	21.7	71.1	78.4	18.9
22:00	24.8	26.1	76.7	78.9	1.2	22.0	71.5	86.5	19.3
23:00	23.4	25.4	74.1	77.7	2.0	22.6	72.7	98.3	20.1
Avg	25.8	25.6	78.5	78.2	-.2	20.6	69.1	79.2	17.9
Max	31.2	30.5	88.2	86.9	2.0	22.7	72.9	101.4	20.2
Hr. of Max	17	16	16	16	23	09	09	08	09
Min	21.6	21.6	70.8	70.9	-1.1	15.6	60.0	40.2	12.8
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	0.0168	0.0166	25.7	26.1	2439699.7	.0	.00	.00	-2.4
01:00	0.0166	0.0164	25.5	25.8	2440063.8	.0	.00	.00	-2.6
02:00	0.0168	0.0166	25.7	26.1	2439680.7	.0	.00	.00	-2.5
03:00	0.0168	0.0166	25.7	26.1	2439679.6	.0	.00	.00	-2.9
04:00	0.0169	0.0167	25.8	26.1	2439624.5	.0	.00	.00	-2.6
05:00	0.0169	0.0167	25.8	26.2	2439550.3	.0	.00	.00	-2.3
06:00	0.0169	0.0167	25.8	26.1	2439605.7	.0	.00	.00	-.3
07:00	0.017	0.0168	26.0	26.3	2439353.5	.0	.00	.00	39.1
08:00	0.0178	0.0176	27.2	27.5	2437551.7	.0	.00	.00	141.8
09:00	0.0182	0.0195	27.7	30.5	2433507.9	.0	.00	.00	270.9
10:00	0.0173	0.022	26.4	34.6	2428530.3	.0	.00	.00	418.3
11:00	0.0178	0.0229	27.2	35.9	2426986.9	.0	.00	.00	281.3
12:00	0.0176	0.0252	26.9	39.5	2423095.8	.0	.00	.00	547.8
13:00	0.0169	0.0272	25.8	42.8	2419911.0	.0	.00	.00	812.4
14:00	0.0149	0.0284	22.8	44.5	2418230.6	.0	.00	.00	793.7
15:00	0.0131	0.029	20.1	45.4	2417354.2	.0	.00	.00	810.9
16:00	0.0124	0.0291	19.1	45.7	2417165.2	.0	.00	.00	645.5
17:00	0.0117	0.0291	18.0	45.6	2417214.2	.0	.00	.00	547.5
18:00	0.0125	0.0271	19.2	42.5	2420109.0	.0	.00	.00	284.2
19:00	0.0138	0.0263	21.2	41.2	2421404.8	.0	.00	.00	175.0
20:00	0.0154	0.0243	23.5	38.1	2424651.9	.0	.00	.00	28.8
21:00	0.0171	0.0218	26.1	34.2	2428932.4	.0	.00	.00	-2.1
22:00	0.0173	0.0201	26.5	31.5	2432270.9	.0	.00	.00	-2.4
23:00	0.018	0.0183	27.5	28.8	2435756.9	.0	.00	.00	-2.5
Avg	0.0161	0.0217	24.6	34.0	2429997.1	.0	.00	.00	240.6
Max	0.0182	0.0291	27.7	45.7	2440063.8	.0	.00	.00	812.4
Hr. of Max	09	17	09	16	01	23	23	23	13
Min	0.0117	0.0164	18.0	25.8	2417165.2	.0	.00	.00	-2.9
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	977.2	208	211	197	211	18	10
01:00	.00	28.85	977.0	224	190	223	190	21	9
02:00	.00	28.83	976.4	208	174	207	174	17	10
03:00	.00	28.81	975.6	172	177	183	177	29	16
04:00	.00	28.79	975.0	91	203	89	203	17	30
05:00	.00	28.79	975.0	76	221	75	221	61	22
06:00	.00	28.80	975.2	176	188	170	188	34	15
07:00	.06	28.80	975.4	217	173	222	173	29	6
08:00	.20	28.82	975.9	224	185	225	185	26	13
09:00	.39	28.82	976.1	230	182	231	182	23	14
10:00	.60	28.82	976.0	227	213	228	213	25	15
11:00	.40	28.83	976.2	283	270	277	270	33	18
12:00	.79	28.83	976.2	247	233	248	233	22	17
13:00	1.17	28.82	976.2	274	267	271	267	30	20
14:00	1.14	28.82	976.0	307	295	298	295	41	14
15:00	1.16	28.80	975.4	311	303	303	303	47	15
16:00	.93	28.80	975.3	304	294	300	294	37	11
17:00	.79	28.79	975.1	304	309	300	309	37	11
18:00	.41	28.80	975.2	299	300	297	300	25	8
19:00	.25	28.81	975.7	293	293	291	293	21	8
20:00	.04	28.82	976.2	294	300	292	300	35	28
21:00	.00	28.83	976.4	76	340	79	340	58	27
22:00	.00	28.86	977.2	212	236	161	236	54	48
23:00	.00	28.86	977.3	233	235	224	235	42	14
Avg	.35	28.82	976.0	247	239	0	0	33	17
Max	1.17	28.86	977.3	311	340	303	340	61	48
Hr. of Max	13	23	23	15	21	15	21	05	22
Min	.00	28.79	975.0	76	173	75	173	17	6
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	.8	2.4	.9	2.7	.4	1.3	3.0	5.0
01:00	1.3	2.7	1.4	3.0	.6	1.4	3.2	5.2
02:00	1.9	3.2	2.1	3.5	.9	1.6	4.4	6.0
03:00	1.0	2.7	1.4	3.0	.6	1.3	3.9	5.5
04:00	.9	1.0	1.0	1.2	.4	.5	3.0	4.5
05:00	.9	1.0	1.0	1.2	.4	.5	3.2	4.7
06:00	.6	1.8	.8	2.0	.4	.9	2.5	3.5
07:00	1.3	2.3	1.4	2.5	.6	1.1	4.1	6.0
08:00	2.4	2.7	2.6	3.0	1.2	1.3	6.6	8.0
09:00	2.9	3.0	3.2	3.3	1.4	1.5	7.3	9.0
10:00	3.3	4.2	3.6	4.4	1.6	2.0	8.7	10.5
11:00	2.7	3.5	2.9	3.8	1.3	1.7	9.4	11.0
12:00	4.3	5.2	4.6	5.5	2.1	2.4	10.5	12.5
13:00	6.0	7.5	6.4	7.9	2.9	3.6	16.0	19.0
14:00	2.9	3.8	3.5	4.1	1.6	1.9	13.3	17.0
15:00	2.5	3.2	3.0	3.5	1.4	1.6	10.5	13.0
16:00	2.9	3.8	3.3	4.1	1.5	1.9	13.1	16.0
17:00	3.1	4.1	3.6	4.5	1.6	2.1	13.3	17.0
18:00	3.4	4.2	3.7	4.6	1.6	2.1	11.0	14.0
19:00	3.5	4.2	3.7	4.6	1.6	2.1	11.0	14.0
20:00	1.5	2.5	2.3	3.0	1.0	1.3	8.5	11.0
21:00	.2	1.1	.9	1.4	.4	.6	2.7	4.0
22:00	.2	1.4	1.2	1.7	.5	.8	3.4	4.5
23:00	.5	1.0	.6	1.2	.3	.5	1.8	3.0
Avg	2.1	2.1	2.5	3.3	1.1	1.5	7.3	9.3
Max	6.0	7.5	6.4	7.9	2.9	3.6	16.0	19.0
Hr. of Max	13	13	13	13	13	13	13	13
Min	.2	1.0	.6	1.2	.3	.5	1.8	3.0
Count	24	24	24	24	24	24	24	24
Total								