Date Printed: 07/14/2015 12:56

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

Daily Summary Report

Site: Tower "K" (1208)

7/8/2015

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	22.0	71.1	71.7	.3	21.3	70.3	100.2	18.7
01:00	21.3	21.2	70.4	70.1	-.1	21.1	69.9	101.0	18.4
02:00	21.2	21.3	70.1	70.3	.1	20.9	69.7	101.1	18.3
03:00	21.6	22.0	70.9	71.7	.4	21.4	70.5	101.2	18.8
04:00	21.1	21.7	70.0	71.1	.6	20.9	69.5	101.1	18.2
05:00	20.9	21.5	69.7	70.7	.6	20.7	69.3	101.1	18.0
06:00	20.6	20.9	69.0	69.6	.3	20.3	68.6	101.1	17.7
07:00	20.4	20.4	68.7	68.7	.0	20.2	68.3	101.1	17.5
08:00	21.2	21.0	70.2	69.8	-.2	20.2	68.4	96.4	17.5
09:00	23.4	23.2	74.2	73.7	-.3	17.3	63.1	70.2	14.5
10:00	26.1	25.2	79.0	77.4	-.9	19.1	66.4	67.3	
11:00	28.2	27.1	82.7	80.7	-1.1	20.3	68.6	64.4	17.3
12:00	29.7	28.3	85.4	82.9	-1.4	20.9	69.7	61.4	17.9
13:00	29.5	27.8	85.1	82.1	-1.7	19.5	67.1	56.7	16.4
14:00	30.6	28.7	87.0	83.6	-1.9	19.5	67.1	53.3	16.3
15:00	31.9	30.0	89.4	86.0	-1.9	20.2	68.3	51.7	17.0
16:00	32.2	30.7	90.0	87.2	-1.5	18.8	65.8	46.5	15.6
17:00	32.5	31.2	90.6	88.1	-1.4	17.7	63.8	42.6	14.5
18:00	32.2	31.0	90.0	87.9	-1.2	16.8	62.2	40.9	13.8
19:00	31.5	30.5	88.7	86.9	-1.0	18.3	65.0	47.3	15.2
20:00	29.1	29.1	84.4	84.3	.0	22.0	71.5	67.6	19.0
21:00	26.8	27.4	80.3	81.4	.6	23.1	73.5	82.5	20.5
22:00	25.3	26.7	77.5	80.0	1.4	23.5	74.3	92.9	21.1
23:00	24.3	25.6	75.7	78.0	1.3	23.7	74.6	99.3	21.4
Avg	26.0	25.6	78.8	78.1	-.4	20.3	68.6	77.0	17.5
Max	32.5	31.2	90.6	88.1	1.4	23.7	74.6	101.2	21.4
Hr. of Max	17	17	17	17	22	23	23	03	23
Min	20.4	20.4	68.7	68.7	-1.9	16.8	62.2	40.9	13.8
Count	24	24	24	24	24	24	24	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	0.0165	0.0164	25.4	26.0	2439750.8	1.3	.05	.05	-2.5
01:00	0.0162	0.0161	25.0	25.4	2440651.8	.0	.00	.00	-2.5
02:00	0.0161	0.0159	24.8	25.2	2441051.5	.0	.00	.00	-2.5
03:00	0.0165	0.0164	25.5	25.9	2439942.8	.0	.00	.00	-2.7
04:00	0.016	0.0158	24.7	25.1	2441208.7	.0	.00	.00	-2.8
05:00	0.0159	0.0157	24.5	24.8	2441553.7	.3	.01	.01	-2.3
06:00	0.0155	0.0153	23.9	24.3	2442434.3	.0	.00	.00	4.7
07:00	0.0153	0.0151	23.7	24.0	2442887.9	.0	.00	.00	49.4
08:00	0.0154	0.016	23.8	25.3	2440887.1	.0	.00	.00	152.1
09:00	0.0128	0.0182	19.9	28.9	2435643.4	.0	.00	.00	392.0
10:00	0.0144	0.0214	22.3	34.0	2429299.0	.0	.00	.00	644.9
11:00	0.0156	0.0242	24.1	38.3	2424367.2	.0	.00	.00	738.0
12:00	0.0162	0.0264	25.0	41.8	2420829.5	.0	.00	.00	838.8
13:00	0.0148	0.0261	22.9	41.4	2421221.9	.0	.00	.00	852.1
14:00	0.0148	0.0278	22.9	44.0	2418712.3	.0	.00	.00	830.8
15:00	0.0155	0.03	23.9	47.4	2415588.6	.0	.00	.00	768.0
16:00	0.0142	0.0306	22.0	48.4	2414750.6	.0	.00	.00	655.6
17:00	0.0132	0.0311	20.5	49.2	2414031.1	.0	.00	.00	568.4
18:00	0.0125	0.0306	19.4	48.4	2414707.2	.0	.00	.00	343.4
19:00	0.0138	0.0294	21.4	46.4	2416465.8	.0	.00	.00	159.6
20:00	0.0172	0.0256	26.6	40.5	2422174.2	.0	.00	.00	15.6
21:00	0.0185	0.0224	28.4	35.5	2427535.1	.0	.00	.00	-2.0
22:00	0.0189	0.0204	29.1	32.3	2431286.0	.0	.00	.00	-2.0
23:00	0.0191	0.0192	29.3	30.4	2433621.0	.0	.00	.00	-2.4
Avg	0.0156	0.0219	24.1	34.7	2429608.4	.1	.00	.00	291.3
Max	0.0191	0.0311	29.3	49.2	2442887.9	1.3	.05	.05	852.1
Hr. of Max	23	17	23	17	07	00	00	00	13
Min	0.0125	0.0151	19.4	24.0	2414031.1	.0	.00	.00	-2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	29.10	985.5	106	199	100	269	48	38
01:00	.00	29.09	985.2	151	315	76	0	52	9
02:00	.00	29.10	985.4	289	314	309	0	61	14
03:00	.00	29.08	984.9	50	304	73	0	37	43
04:00	.00	29.09	985.1	88	296	80	0	62	26
05:00	.00	29.08	984.8	127	93	89	0	40	18
06:00	.01	29.08	984.9	244	158	332	0	47	12
07:00	.07	29.10	985.4	85	270	96	0	46	21
08:00	.22	29.11	985.8	23	1	41	0	76	26
09:00	.56	29.12	986.1	299	308	286	0	42	33
10:00	.92	29.12	986.0	248	253	248	0	33	21
11:00	1.06	29.11	985.9	252	244	254	0	21	15
12:00	1.20	29.10	985.6	229	225	232	0	25	16
13:00	1.22	29.10	985.4	204	207	206	0	24	11
14:00	1.19	29.08	984.7	210	208	210	0	24	17
15:00	1.10	29.06	984.1	207	215	210	0	28	15
16:00	.94	29.05	983.8	225	226	226	0	24	12
17:00	.82	29.04	983.5	241	236	244	0	20	11
18:00	.49	29.04	983.4	239	236	241	0	19	10
19:00	.23	29.04	983.5	226	225	229	0	20	11
20:00	.02	29.05	984.0	208	217	206	0	18	6
21:00	.00	29.07	984.3	235	217	232	0	18	4
22:00	.00	29.08	984.7	214	229	208	0	16	6
23:00	.00	29.08	984.8	252	223	281	0	34	7
Avg	.42	29.08	984.9	220	241	0	0	35	17
Max	1.22	29.12	986.1	299	315	332	269	76	43
Hr. of Max	13	10	09	09	01	06	00	08	03
Min	.00	29.04	983.4	23	1	41	0	16	4
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	1.0	2.9	1.4	4.3	.6	1.8	7.3	25.0
01:00	.1	.2	.2	.7	.1	.2	1.8	1.7
02:00	.4	2.8	.9	3.8	.4	1.6	7.8	18.5
03:00	.6	.7	1.4	1.8	.6	.7	4.6	11.9
04:00	.8	1.5	1.4	2.5	.6	1.0	4.4	11.4
05:00	1.1	1.5	1.4	1.9	.6	.7	3.9	5.0
06:00	.2	.2	.4	.9	.2	.2	1.8	2.1
07:00	.2	1.3	.4	1.7	.2	.6	1.6	3.7
08:00	.0	.0	.2	.4	.1	.0	1.6	2.3
09:00	.9	2.7	1.1	3.4	.5	1.3	4.8	8.0
10:00	2.2	3.7	2.7	4.7	1.2	1.9	6.6	13.0
11:00	5.2	8.4	5.5	9.5	2.5	3.9	12.4	15.6
12:00	5.5	7.4	6.2	8.6	2.8	3.5	15.6	18.8
13:00	6.5	10.9	7.1	12.0	3.2	5.0	18.5	22.4
14:00	4.2	5.4	4.6	6.2	2.1	2.5	12.8	14.7
15:00	5.8	8.8	6.6	9.7	2.9	4.1	16.9	18.8
16:00	7.3	8.5	8.0	9.6	3.6	4.0	19.7	25.0
17:00	8.1	10.8	8.6	11.8	3.9	5.0	19.0	18.8
18:00	6.5	8.1	6.9	8.8	3.1	3.7	15.8	21.5
19:00	4.2	5.4	4.6	5.9	2.1	2.4	9.8	12.4
20:00	2.4	5.6	2.5	6.0	1.1	2.5	6.6	8.2
21:00	.7	4.6	.8	5.0	.3	2.1	2.5	10.3
22:00	.3	3.8	.4	4.2	.2	1.7	1.6	7.3
23:00	.4	3.9	.5	4.2	.2	1.8	2.1	9.8
Avg	1.6	1.6	3.1	5.3	1.4	2.2	8.3	12.8
Max	8.1	10.9	8.6	12.0	3.9	5.0	19.7	25.0
Hr. of Max	17	13	17	13	17	17	16	16
Min	.0	.0	.2	.4	.1	.0	1.6	1.7
Count	24	24	24	24	24	24	24	24
Total								