Date Printed: 09/12/2016 10:13

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

Daily Summary Report

Site: Tower "K" (1208)

9/9/2016

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	22.1	24.7	71.8	76.5	2.6	19.8	67.7	89.1	17.0
01:00	21.2	23.6	70.2	74.6	2.4	19.6	67.2	92.5	16.8
02:00	20.6	22.8	69.0	73.0	2.2	19.6	67.3	96.6	16.9
03:00	20.1	21.9	68.2	71.4	1.8	19.3	66.7	97.3	16.6
04:00	19.5	21.0	67.1	69.8	1.5	18.7	65.7	97.4	16.0
05:00	19.2	20.4	66.6	68.7	1.2	18.5	65.2	97.5	15.8
06:00	18.9	19.9	66.0	67.9	1.0	18.2	64.7	97.5	15.5
07:00	18.7	19.8	65.6	67.6	1.1	18.0	64.3	97.6	15.3
08:00	19.7	20.1	67.5	68.2	.4	15.6	60.1	79.2	13.2
09:00	22.4	21.8	72.3	71.3	-.6	14.5	58.1	62.3	12.2
10:00	25.6	24.5	78.1	76.1	-1.1	14.8	58.7	52.8	12.4
11:00	28.6	27.1	83.4	80.8	-1.4	13.9	57.1	41.9	11.6
12:00	30.4	29.4	86.7	84.9	-1.0	13.9	57.0	37.7	11.5
13:00	32.1	30.8	89.8	87.4	-1.3	13.9	56.9	34.2	11.4
14:00	33.6	31.7	92.6	89.1	-1.9	12.5	54.5	28.8	10.5
15:00	33.2	32.1	91.7	89.7	-1.1	12.2	53.9	29.0	10.3
16:00	33.8	32.6	92.8	90.7	-1.1	11.3	52.3	26.4	9.7
17:00	34.1	32.7	93.4	90.8	-1.4	11.2	52.2	25.8	9.6
18:00	33.6	32.7	92.5	90.9	-.9	11.7	53.1	27.4	10.0
19:00	31.8	31.8	89.2	89.3	.0	14.2	57.5	35.6	11.7
20:00	28.1	30.2	82.5	86.4	2.2	18.0	64.5	56.3	15.0
21:00	25.7	28.1	78.2	82.5	2.4	18.7	65.7	67.3	15.8
22:00	24.0	26.7	75.1	80.0	2.7	19.0	66.2	75.7	16.1
23:00	22.8	25.1	73.0	77.1	2.3	19.1	66.4	81.9	16.3
Avg	25.8	26.3	78.5	79.4	.5	16.1	61.0	63.7	13.6
Max	34.1	32.7	93.4	90.9	2.7	19.8	67.7	97.6	17.0
Hr. of Max	17	18	17	18	22	00	00	07	00
Min	18.7	19.8	65.6	67.6	-1.9	11.2	52.2	25.8	9.6
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	0.015	0.0168	23.2	26.7	2438807.4	.0	.00	.00	-2.6
01:00	0.0148	0.016	22.9	25.3	2440849.1	.0	.00	.00	-2.8
02:00	0.0148	0.0153	22.9	24.3	2442450.4	.0	.00	.00	-2.8
03:00	0.0145	0.0149	22.4	23.6	2443529.5	.0	.00	.00	-2.9
04:00	0.014	0.0144	21.7	22.7	2444948.4	.0	.00	.00	-2.8
05:00	0.0137	0.0141	21.3	22.3	2445619.2	.0	.00	.00	-2.9
06:00	0.0135	0.0138	20.9	21.9	2446412.2	.0	.00	.00	-2.9
07:00	0.0133	0.0136	20.6	21.6	2446894.6	.0	.00	.00	15.6
08:00	0.0114	0.0145	17.8	23.0	2444502.8	.0	.00	.00	163.3
09:00	0.0107	0.0172	16.6	27.2	2438070.8	.0	.00	.00	372.1
10:00	0.0109	0.0207	17.0	32.9	2430526.8	.0	.00	.00	560.5
11:00	0.0103	0.0247	16.1	39.2	2423469.6	.0	.00	.00	697.9
12:00	0.0103	0.0274	16.1	43.5	2419170.4	.0	.00	.00	785.1
13:00	0.0103	0.0303	16.1	48.0	2415067.5	.0	.00	.00	827.9
14:00	0.0095	0.0331	14.8	52.4	2411382.4	.0	.00	.00	795.4
15:00	0.0093	0.0322	14.5	51.0	2412551.2	.0	.00	.00	509.8
16:00	0.0088	0.0333	13.7	52.7	2411129.4	.0	.00	.00	463.5
17:00	0.0088	0.034	13.7	53.8	2410262.2	.0	.00	.00	385.3
18:00	0.0091	0.033	14.1	52.3	2411471.1	.0	.00	.00	191.7
19:00	0.0106	0.0299	16.5	47.2	2415767.7	.0	.00	.00	33.3
20:00	0.0135	0.0241	20.9	38.1	2424644.3	.0	.00	.00	-2.2
21:00	0.014	0.0209	21.7	33.1	2430319.1	.0	.00	.00	-2.6
22:00	0.0143	0.0189	22.1	29.9	2434359.7	.0	.00	.00	-2.5
23:00	0.0144	0.0175	22.2	27.8	2437204.4	.0	.00	.00	-2.8
Avg	0.0121	0.0221	18.7	35.0	2429975.4	.0	.00	.00	240.5
Max	0.015	0.034	23.2	53.8	2446894.6	.0	.00	.00	827.9
Hr. of Max	00	17	00	17	07	23	23	23	13
Min	0.0088	0.0136	13.7	21.6	2410262.2	.0	.00	.00	-2.9
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	29.08	984.7	356	201	311	203	16	8
01:00	.00	29.08	984.9	15	151	1	167	20	12
02:00	.00	29.09	985.1	19	148	347	137	35	39
03:00	.00	29.10	985.4	12	305	343	311	24	15
04:00	.00	29.10	985.4	57	26	87	12	47	33
05:00	.00	29.10	985.4	76	71	78	74	29	11
06:00	.00	29.11	985.9	76	157	232	199	54	38
07:00	.02	29.13	986.5	359	249	39	241	47	49
08:00	.23	29.14	986.8	23	28	74	19	47	59
09:00	.53	29.15	987.2	267	220	239	217	40	35
10:00	.80	29.16	987.4	218	206	212	207	57	26
11:00	1.00	29.15	987.1	190	198	191	199	39	23
12:00	1.13	29.13	986.6	228	231	232	230	35	23
13:00	1.19	29.11	985.9	218	219	215	217	44	24
14:00	1.14	29.09	985.2	224	222	227	222	25	14
15:00	.73	29.07	984.5	248	242	252	242	31	20
16:00	.66	29.06	984.0	245	241	248	241	36	24
17:00	.55	29.05	983.8	213	214	218	215	43	20
18:00	.27	29.05	983.8	245	241	250	242	23	12
19:00	.05	29.05	983.9	198	232	194	228	27	12
20:00	.00	29.07	984.4	340	229	292	238	19	10
21:00	.00	29.09	985.1	10	253	12	261	18	22
22:00	.00	29.10	985.4	13	301	317	300	32	28
23:00	.00	29.11	985.7	8	247	321	253	24	9
Avg	.35	29.10	985.4	318	225	0	0	34	24
Max	1.19	29.16	987.4	359	305	347	311	57	59
Hr. of Max	13	10	10	07	03	02	03	10	08
Min	.00	29.05	983.8	8	26	1	12	16	8
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	.0	1.9	.0	1.9	.0	.9	.7	3.4
01:00	.0	.5	.0	.5	.0	.2	.7	2.5
02:00	.2	.4	.3	.6	.1	.3	2.3	2.5
03:00	.3	1.0	.3	1.0	.1	.5	1.8	2.7
04:00	.5	.8	.7	1.2	.3	.6	2.7	2.7
05:00	.0	1.0	.1	1.0	.0	.5	1.4	2.3
06:00	.1	.5	.3	.8	.1	.4	2.3	2.5
07:00	.3	.8	.5	1.0	.2	.5	2.5	2.5
08:00	.1	.4	.3	1.0	.2	.5	2.3	3.4
09:00	1.0	1.5	1.3	1.8	.6	.8	4.4	5.0
10:00	1.7	2.8	2.2	3.0	1.0	1.4	6.6	6.4
11:00	2.6	3.5	3.0	3.7	1.3	1.7	8.7	8.2
12:00	3.5	4.9	4.1	5.1	1.8	2.3	11.2	12.4
13:00	3.6	6.3	4.4	6.8	2.0	3.0	13.1	18.1
14:00	6.1	10.4	7.0	10.8	3.1	4.9	16.5	18.5
15:00	4.2	6.5	4.9	7.0	2.2	3.1	16.3	16.5
16:00	3.8	5.4	4.4	5.8	2.0	2.6	11.2	12.1
17:00	3.4	6.2	4.0	6.6	1.8	3.0	10.8	14.0
18:00	4.4	6.2	4.9	6.4	2.2	2.9	9.6	10.3
19:00	.9	4.1	1.4	4.1	.6	1.9	4.8	8.7
20:00	.1	1.1	.1	1.1	.0	.5	1.6	3.0
21:00	.0	.1	.0	.3	.0	.2	.9	1.4
22:00	.1	2.0	.2	2.2	.1	1.0	2.1	3.7
23:00	.0	1.1	.1	1.1	.0	.5	1.8	2.3
Avg	.9	.9	1.9	3.1	.8	1.4	5.7	6.9
Max	6.1	10.4	7.0	10.8	3.1	4.9	16.5	18.5
Hr. of Max	14	14	14	14	14	14	14	14
Min	.0	.1	.0	.3	.0	.2	.7	1.4
Count	24	24	24	24	24	24	24	24
Total								