Date Printed: 07/31/2016 06:51

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

Daily Summary Report

Site: Tower "K" (1208)

7/30/2016

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	22.7	22.8	72.8	73.1	.1	21.9	71.4	98.0	19.3
01:00	22.4	22.4	72.3	72.3	.0	21.6	70.9	98.0	19.0
02:00	22.3	22.3	72.2	72.2	.0	21.6	70.8	98.0	18.9
03:00	22.3	22.1	72.1	71.8	-.2	21.5	70.6	97.8	18.8
04:00	22.0	22.0	71.5	71.5	.0	21.2	70.1	97.9	18.5
05:00	21.8	21.8	71.2	71.3	.1	21.0	69.8	97.9	18.3
06:00	21.8	21.6	71.3	70.9	-.2	21.0	69.9	97.8	18.4
07:00	21.8	21.5	71.3	70.8	-.3	21.1	69.9	97.8	18.4
08:00	22.2	21.8	71.9	71.2	-.4	21.4	70.5	98.0	18.8
09:00	23.2	22.4	73.7	72.4	-.7	21.8	71.2	94.5	19.1
10:00	25.0	24.0	77.1	75.2	-1.0	19.4	66.9	73.2	16.5
11:00	27.3	25.8	81.1	78.5	-1.5	18.6	65.5	60.7	15.6
12:00	28.3	27.0	83.0	80.6	-1.4	19.2	66.6	59.4	16.2
13:00	29.7	28.2	85.4	82.8	-1.4	19.6	67.3	56.6	16.5
14:00	30.8	29.0	87.4	84.2	-1.8	19.2	66.6	51.9	16.1
15:00	31.1	29.7	88.0	85.4	-1.4	18.5	65.2	48.6	15.3
16:00	31.4	30.3	88.5	86.6	-1.1	18.0	64.5	46.4	14.9
17:00	31.1	30.2	88.0	86.4	-.9	18.9	66.1	50.2	15.8
18:00	26.6	27.2	79.8	80.9	.6	23.6	74.4	87.6	21.2
19:00	24.6	26.2	76.2	79.1	1.6	23.6	74.6	97.6	21.3
20:00	24.8	26.0	76.7	78.8	1.2	23.3	73.9	93.9	20.9
21:00	24.4	26.0	75.9	78.8	1.6	23.5	74.4	98.0	21.2
22:00	24.0	25.4	75.1	77.6	1.4	23.2	73.7	98.2	20.8
23:00	23.6	24.6	74.5	76.2	.9	22.8	73.1	98.2	20.4
Avg	25.2	25.0	77.4	77.0	-.2	21.1	69.9	83.2	18.3
Max	31.4	30.3	88.5	86.6	1.6	23.6	74.6	98.2	21.3
Hr. of Max	16	16	16	16	21	19	19	23	19
Min	21.8	21.5	71.2	70.8	-1.8	18.0	64.5	46.4	14.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	0.0171	0.0175	26.3	27.6	2437422.7	.0	.00	.00	-2.7
01:00	0.0168	0.0172	25.9	27.1	2438132.9	.0	.00	.00	-2.3
02:00	0.0168	0.0171	25.8	27.1	2438227.2	.0	.00	.00	-2.6
03:00	0.0167	0.017	25.7	26.9	2438436.5	.0	.00	.00	-2.1
04:00	0.0164	0.0167	25.2	26.5	2439115.3	.0	.00	.00	-2.6
05:00	0.0162	0.0165	24.9	26.1	2439592.9	.0	.00	.00	-2.7
06:00	0.0162	0.0166	25.0	26.2	2439441.5	.0	.00	.00	-.9
07:00	0.0162	0.0166	25.0	26.3	2439402.6	2.1	.08	.00	22.0
08:00	0.0166	0.0169	25.6	26.8	2438643.9	.0	.00	.00	83.5
09:00	0.017	0.018	26.2	28.5	2436235.6	.0	.00	.00	200.3
10:00	0.0147	0.0201	22.7	31.9	2431799.9	.0	.00	.00	535.2
11:00	0.014	0.023	21.6	36.4	2426451.9	.0	.00	.00	751.0
12:00	0.0145	0.0244	22.5	38.7	2423963.4	.0	.00	.00	835.7
13:00	0.0149	0.0264	23.1	41.7	2420864.1	.0	.00	.00	941.6
14:00	0.0146	0.0281	22.5	44.5	2418254.6	.0	.00	.00	904.9
15:00	0.0139	0.0287	21.5	45.3	2417436.9	.0	.00	.00	637.5
16:00	0.0135	0.0292	20.9	46.2	2416685.0	.0	.00	.00	527.8
17:00	0.0144	0.0287	22.2	45.4	2417382.3	.0	.00	.00	325.5
18:00	0.0191	0.0222	29.3	35.1	2428200.8	6.9	.27	.00	74.4
19:00	0.0191	0.0196	29.3	30.9	2432964.0	.0	.00	.00	85.7
20:00	0.0187	0.0199	28.7	31.5	2432273.8	.0	.00	.00	16.2
21:00	0.019	0.0194	29.1	30.6	2433368.4	.0	.00	.00	-2.3
22:00	0.0185	0.0189	28.5	29.9	2434373.1	.0	.00	.00	-2.2
23:00	0.0181	0.0185	27.9	29.2	2435213.2	.0	.00	.00	-2.7
Avg	0.0164	0.0207	25.2	32.8	2431411.8	.4	.01	.00	246.6
Max	0.0191	0.0292	29.3	46.2	2439592.9	6.9	.27	.00	941.6
Hr. of Max	19	16	19	16	05	18	18	23	13
Min	0.0135	0.0165	20.9	26.1	2416685.0	.0	.00	.00	-2.7
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	29.06	984.0	78	204	135	199	50	24
01:00	.00	29.04	983.5	54	192	75	190	26	29
02:00	.00	29.02	982.9	82	151	84	151	23	9
03:00	.00	29.03	983.0	71	182	106	181	39	33
04:00	.00	29.03	983.1	56	200	73	175	39	33
05:00	.00	29.04	983.6	85	202	122	195	22	21
06:00	.00	29.06	984.0	8	232	286	232	31	10
07:00	.03	29.07	984.5	220	214	223	215	51	20
08:00	.12	29.08	984.9	208	212	207	209	41	16
09:00	.29	29.09	985.2	229	219	235	221	28	15
10:00	.77	29.10	985.4	220	198	224	194	54	26
11:00	1.08	29.09	985.3	195	184	198	185	40	29
12:00	1.20	29.09	985.0	194	182	193	184	41	19
13:00	1.35	29.07	984.6	206	190	207	193	50	26
14:00	1.30	29.06	984.1	205	192	203	194	34	20
15:00	.91	29.04	983.4	220	204	216	206	40	26
16:00	.76	29.03	983.0	245	236	248	236	22	13
17:00	.47	29.03	983.0	243	234	245	235	36	14
18:00	.11	29.03	983.0	278	248	276	266	64	30
19:00	.12	29.02	982.8	52	253	66	248	34	15
20:00	.02	29.04	983.4	53	243	52	245	28	10
21:00	.00	29.06	984.1	16	223	288	224	54	5
22:00	.00	29.07	984.4	18	233	212	235	53	9
23:00	.00	29.06	984.3	69	239	110	239	67	5
Avg	.36	29.05	983.9	142	211	0	0	40	19
Max	1.35	29.10	985.4	278	253	288	266	67	33
Hr. of Max	13	10	10	18	19	21	18	23	04
Min	.00	29.02	982.8	8	151	52	151	22	5
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	.4	3.3	.9	3.7	.4	1.7	3.0	6.9
01:00	.6	1.6	.7	1.9	.3	.9	2.7	4.6
02:00	1.1	4.0	1.2	4.1	.6	1.8	4.4	6.2
03:00	.5	1.9	.7	2.1	.3	1.0	3.4	5.0
04:00	.6	1.9	.8	2.7	.4	1.2	2.7	6.0
05:00	.4	1.4	.4	1.4	.2	.7	2.3	3.7
06:00	.1	1.7	.1	1.8	.0	.8	1.8	3.2
07:00	1.3	3.6	1.6	3.8	.7	1.7	5.5	7.3
08:00	1.7	3.6	1.9	3.7	.9	1.7	5.5	7.8
09:00	2.4	4.0	2.7	4.2	1.2	1.9	7.6	7.6
10:00	1.2	2.7	2.0	3.3	.9	1.5	5.0	6.6
11:00	2.6	4.0	3.1	4.4	1.4	2.0	8.2	13.5
12:00	3.1	5.6	3.6	5.9	1.6	2.7	10.1	13.1
13:00	3.2	5.4	3.8	5.9	1.7	2.6	12.6	17.2
14:00	4.1	7.1	4.7	7.5	2.1	3.4	12.1	14.0
15:00	3.5	6.2	4.3	6.8	1.9	3.0	10.5	13.5
16:00	5.9	8.9	6.5	9.1	2.9	4.1	14.2	15.1
17:00	4.4	6.9	4.7	7.0	2.1	3.2	10.5	13.5
18:00	2.7	7.5	4.2	8.8	1.9	4.0	17.9	24.3
19:00	.7	2.3	1.1	2.5	.5	1.1	3.2	7.8
20:00	.3	2.4	.4	2.4	.2	1.1	1.6	6.9
21:00	.0	3.4	.3	3.4	.1	1.5	1.6	6.6
22:00	.1	2.9	.2	2.9	.1	1.3	1.6	4.4
23:00	.3	3.8	.5	3.8	.2	1.7	2.1	6.0
Avg	1.9	1.9	2.1	4.2	.9	1.9	6.3	9.2
Max	5.9	8.9	6.5	9.1	2.9	4.1	17.9	24.3
Hr. of Max	16	16	16	16	16	16	18	18
Min	.0	1.4	.1	1.4	.0	.7	1.6	3.2
Count	24	24	24	24	24	24	24	24
Total								