Date Printed: 08/30/2016 02:04

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

Daily Summary Report

Site: Tower "K" (1208)

8/26/2016

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	23.4	24.4	74.1	75.9	1.0	22.6	72.7	98.0	20.1
01:00	22.9	23.3	73.2	74.0	.4	22.1	71.7	97.9	19.5
02:00	22.6	23.5	72.8	74.3	.9	21.9	71.4	98.1	19.3
03:00	22.2	23.0	72.0	73.3	.8	21.5	70.6	98.2	18.8
04:00	22.0	22.3	71.5	72.2	.4	21.2	70.2	98.2	18.6
05:00	21.7	22.3	71.0	72.2	.6	21.0	69.8	98.2	18.3
06:00	21.5	21.8	70.6	71.2	.3	20.8	69.4	98.2	18.1
07:00	21.1	21.7	70.0	71.1	.6	20.4	68.8	98.3	17.7
08:00	21.9	22.2	71.5	71.9	.2	19.1	66.3	86.5	16.3
09:00	24.5	23.9	76.1	75.0	-.6	18.3	64.9	70.2	15.4
10:00	27.4	26.7	81.3	80.0	-.7	18.9	66.0	61.4	15.8
11:00	29.6	28.9	85.4	84.0	-.7	19.8	67.6	57.1	16.6
12:00	30.9	30.2	87.7	86.4	-.7	19.9	67.9	53.7	16.8
13:00	31.9	31.4	89.5	88.4	-.6	20.0	68.1	51.1	16.8
14:00	33.0	32.2	91.5	90.0	-.8	18.5	65.3	43.8	15.3
15:00	33.7	32.8	92.7	91.1	-.9	16.6	61.9	37.4	13.6
16:00	33.9	33.1	93.0	91.7	-.7	16.5	61.7	36.7	13.5
17:00	33.8	33.2	92.8	91.7	-.6	16.2	61.1	36.1	13.2
18:00	33.1	32.9	91.5	91.2	-.2	17.0	62.7	39.9	14.0
19:00	31.4	31.7	88.5	89.1	.3	20.8	69.5	55.4	17.7
20:00	29.9	31.0	85.9	87.8	1.0	22.3	72.1	65.8	19.4
21:00	27.3	28.6	81.2	83.5	1.3	23.2	73.8	80.8	20.6
22:00	26.4	27.8	79.5	82.1	1.4	23.4	74.1	86.4	20.9
23:00	25.2	26.8	77.4	80.3	1.6	23.6	74.5	93.4	21.2
Avg	27.1	27.3	80.9	81.2	.2	20.2	68.4	72.5	17.4
Max	33.9	33.2	93.0	91.7	1.6	23.6	74.5	98.3	21.2
Hr. of Max	16	17	16	17	23	23	23	07	23
Min	21.1	21.7	70.0	71.1	-.9	16.2	61.1	36.1	13.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0178	0.0182	27.5	28.9	2435677.6	.0	.00	.00	-2.3
01:00	0.0172	0.0176	26.6	28.0	2436967.9	.0	.00	.00	-2.4
02:00	0.017	0.0173	26.3	27.6	2437510.1	.0	.00	.00	-2.4
03:00	0.0166	0.0169	25.7	26.9	2438536.9	.0	.00	.00	-2.5
04:00	0.0163	0.0166	25.3	26.4	2439125.7	.0	.00	.00	-2.7
05:00	0.0161	0.0164	24.9	26.0	2439780.2	.0	.00	.00	-2.6
06:00	0.0159	0.0161	24.6	25.7	2440305.8	.0	.00	.00	-2.5
07:00	0.0155	0.0158	24.1	25.1	2441121.3	.0	.00	.00	33.9
08:00	0.0143	0.0166	22.2	26.4	2439204.8	.0	.00	.00	180.2
09:00	0.0136	0.0194	21.1	30.8	2433162.3	.0	.00	.00	402.6
10:00	0.0141	0.023	21.9	36.6	2426274.4	.0	.00	.00	585.2
11:00	0.015	0.0262	23.3	41.7	2420883.1	.0	.00	.00	724.9
12:00	0.0152	0.0283	23.5	44.9	2417808.0	.0	.00	.00	831.5
13:00	0.0153	0.0299	23.7	47.6	2415445.8	.0	.00	.00	802.4
14:00	0.0139	0.0319	21.6	50.7	2412804.8	.0	.00	.00	804.5
15:00	0.0124	0.0331	19.2	52.5	2411244.2	.0	.00	.00	746.1
16:00	0.0123	0.0335	19.1	53.0	2410836.7	.0	.00	.00	597.3
17:00	0.012	0.0333	18.7	52.8	2411041.9	.0	.00	.00	455.4
18:00	0.0127	0.032	19.8	50.7	2412783.2	.0	.00	.00	231.5
19:00	0.0161	0.0291	24.8	46.1	2416775.7	.0	.00	.00	39.8
20:00	0.0176	0.0268	27.1	42.5	2420200.8	.0	.00	.00	-.9
21:00	0.0186	0.023	28.6	36.5	2426364.4	.0	.00	.00	-2.4
22:00	0.0188	0.0217	28.9	34.5	2428642.6	.0	.00	.00	-2.0
23:00	0.019	0.0203	29.2	32.2	2431334.6	.0	.00	.00	-2.5
Avg	0.0156	0.0235	24.1	37.3	2426826.4	.0	.00	.00	267.1
Max	0.019	0.0335	29.2	53.0	2441121.3	.0	.00	.00	831.5
Hr. of Max	23	16	23	16	07	23	23	23	12
Min	0.012	0.0158	18.7	25.1	2410836.7	.0	.00	.00	-2.7
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	29.17	987.9	32	85	89	95	31	29
01:00	.00	29.18	988.2	335	272	339	286	13	32
02:00	.00	29.18	988.3	67	290	95	297	37	15
03:00	.00	29.18	988.2	359	208	335	214	36	23
04:00	.00	29.18	988.3	24	327	48	342	20	21
05:00	.00	29.18	988.3	52	34	87	42	25	29
06:00	.00	29.18	988.3	11	7	64	21	32	32
07:00	.05	29.19	988.6	50	77	65	62	20	58
08:00	.26	29.20	989.0	20	37	24	46	30	31
09:00	.58	29.21	989.1	58	53	72	55	42	22
10:00	.84	29.21	989.2	53	62	73	66	58	38
11:00	1.04	29.21	989.1	71	62	79	63	40	16
12:00	1.19	29.19	988.7	74	63	80	64	36	16
13:00	1.15	29.18	988.0	78	70	83	70	38	24
14:00	1.15	29.15	987.3	70	62	78	63	39	21
15:00	1.07	29.12	986.1	72	58	74	58	37	17
16:00	.86	29.10	985.4	74	57	78	58	40	19
17:00	.65	29.09	985.2	63	55	65	53	36	14
18:00	.33	29.08	984.9	57	49	59	49	34	10
19:00	.06	29.09	985.2	54	42	60	42	27	8
20:00	.00	29.12	986.1	72	56	81	55	31	7
21:00	.00	29.14	986.9	339	345	285	67	65	63
22:00	.00	29.15	987.2	348	323	265	327	35	21
23:00	.00	29.15	987.3	31	58	54	119	41	39
Avg	.38	29.16	987.5	44	41	0	0	35	25
Max	1.19	29.21	989.2	359	345	339	342	65	63
Hr. of Max	12	11	10	03	21	01	04	21	21
Min	.00	29.08	984.9	11	7	24	21	13	7
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	.3	.8	.5	1.0	.2	.4	2.3	3.0
01:00	.4	1.3	.4	1.5	.2	.7	2.1	3.7
02:00	.4	1.6	.6	1.7	.3	.8	2.7	4.1
03:00	.2	1.0	.5	1.1	.2	.5	3.2	3.7
04:00	.4	1.5	.5	1.6	.2	.7	2.7	5.0
05:00	.2	1.3	.4	1.5	.2	.7	3.0	3.9
06:00	.1	1.8	.2	2.2	.1	1.0	2.1	5.5
07:00	.4	1.4	.5	1.9	.2	.9	2.1	4.6
08:00	.3	1.5	.3	1.6	.1	.8	2.7	6.9
09:00	1.1	3.2	1.3	3.4	.6	1.5	7.6	8.7
10:00	.8	2.4	1.3	2.7	.6	1.2	6.4	7.6
11:00	2.7	6.9	3.2	7.1	1.4	3.2	11.0	14.4
12:00	2.9	7.7	3.3	8.2	1.5	3.7	11.7	16.0
13:00	3.3	6.4	3.8	7.0	1.7	3.2	10.5	13.7
14:00	2.8	7.2	3.4	7.6	1.5	3.4	11.4	16.3
15:00	3.0	9.1	3.6	9.5	1.6	4.3	11.0	16.0
16:00	2.9	8.5	3.4	8.9	1.5	4.0	11.9	16.7
17:00	2.2	8.5	2.7	8.7	1.2	3.9	9.6	15.8
18:00	2.0	9.9	2.3	10.1	1.0	4.5	8.0	16.3
19:00	1.2	6.2	1.4	6.2	.6	2.8	4.6	13.5
20:00	.9	5.3	1.5	5.4	.7	2.4	3.2	7.8
21:00	.1	.7	.5	1.4	.2	.6	2.5	4.4
22:00	.2	1.0	.4	1.2	.2	.6	2.3	2.7
23:00	.3	.3	1.0	1.2	.5	.5	4.4	3.9
Avg	1.3	1.3	1.5	4.2	.7	1.9	5.8	8.9
Max	3.3	9.9	3.8	10.1	1.7	4.5	11.9	16.7
Hr. of Max	13	18	13	18	13	18	16	16
Min	.1	.3	.2	1.0	.1	.4	2.1	2.7
Count	24	24	24	24	24	24	24	24
Total								