Date Printed: 02/16/2016 10:33

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

Daily Summary Report

Site: Tower "K" (1208)

2/15/2016

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	-2.1	-2.3	28.3	27.8	-.3	-6.5	20.2	71.7	3.0
01:00	-1.8	-2.3	28.7	27.9	-.4	-6.4	20.5	71.6	3.0
02:00	-1.7	-2.1	29.0	28.3	-.4	-5.6	21.9	74.9	3.2
03:00	-1.6	-1.9	29.1	28.5	-.3	-4.1	24.5	83.1	3.6
04:00	-1.6	-1.9	29.2	28.6	-.3	-3.0	26.7	90.7	3.9
05:00	-1.2	-1.7	29.8	29.0	-.4	-1.8	28.7	96.3	4.3
06:00	-.8	-1.3	30.6	29.7	-.5	-1.0	30.3	99.1	4.5
07:00	-.2	-.6	31.6	30.9	-.4	-.4	31.3	99.5	4.7
08:00	.0	-.4	31.9	31.3	-.3	-.2	31.7	99.6	4.8
09:00	.1	-.1	32.2	31.9	-.2	.0	32.0	99.7	4.8
10:00	.2	.0	32.3	32.0	-.2	.1	32.1	99.8	4.9
11:00	.2	.0	32.3	32.0	-.2	.1	32.1	99.8	4.9
12:00	.2	.0	32.4	32.0	-.2	.1	32.3	99.9	4.9
13:00	.3	.1	32.5	32.2	-.2	.2	32.3	99.9	4.9
14:00	.3	.2	32.5	32.4	-.1	.2	32.4	100.0	
15:00	.5	.3	32.9	32.5	-.2	.4	32.8	100.0	5.0
16:00	.6	.3	33.1	32.5	-.3	.5	32.9	100.0	5.0
17:00	.7	.4	33.3	32.8	-.3	.6	33.2	100.0	5.1
18:00	1.1	.9	34.0	33.6	-.3	1.0	33.9	100.0	5.2
19:00	1.7	1.8	35.1	35.2	.1	1.6	34.9	100.1	5.4
20:00	1.9	2.0	35.4	35.7	.1	1.8	35.3	100.1	5.5
21:00	1.9	2.1	35.5	35.8	.2	1.9	35.3	100.1	5.5
22:00	2.1	2.5	35.8	36.5	.4	2.0	35.6	100.1	5.6
23:00	2.3	2.7	36.1	36.8	.4	2.2	35.9	100.2	5.6
Avg	.1	-.1	32.2	31.9	-.2	-.7	30.8	95.3	4.7
Max	2.3	2.7	36.1	36.8	.4	2.2	35.9	100.2	5.6
Hr. of Max	23	23	23	23	23	23	23	23	23
Min	-2.1	-2.3	28.3	27.8	-.5	-6.5	20.2	71.6	3.0
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	0.0024	0.0033	3.8	5.3	2496132.1	.0	.00	.00	-3.9
01:00	0.0024	0.0034	3.8	5.3	2495653.0	.0	.00	.00	-3.8
02:00	0.0026	0.0034	4.0	5.4	2495214.0	.0	.00	.00	-3.9
03:00	0.0028	0.0034	4.5	5.4	2495041.8	.0	.00	.00	-3.8
04:00	0.0031	0.0034	4.9	5.4	2494986.7	.0	.00	.00	-3.8
05:00	0.0034	0.0035	5.3	5.6	2494190.2	1.0	.04	.04	-3.9
06:00	0.0036	0.0036	5.7	5.8	2493088.8	1.7	.07	.11	-3.8
07:00	0.0038	0.0038	5.9	6.0	2491784.9	3.5	.14	.35	-2.8
08:00	0.0038	0.0038	6.0	6.1	2491347.6	1.7	.07	.42	10.5
09:00	0.0039	0.0039	6.1	6.2	2490970.5	.3	.01	.43	15.5
10:00	0.0039	0.0039	6.1	6.2	2490870.3	3.8	.15	.58	22.9
11:00	0.0039	0.0039	6.1	6.2	2490833.3	.8	.03	.61	34.3
12:00	0.0039	0.0039	6.2	6.2	2490684.1	1.8	.07	.68	36.4
13:00	0.0039	0.0039	6.2	6.2	2490639.2	.3	.01	.01	32.9
14:00	0.004	0.004	6.2	6.2	2490566.8	3.0	.12	.12	56.4
15:00	0.004	0.004	6.3	6.3	2490051.7	1.3	.05	.05	45.0
16:00	0.0041	0.0041	6.3	6.4	2489839.5	1.0	.04	.04	22.4
17:00	0.0041	0.0041	6.4	6.4	2489516.0	1.8	.07	.07	9.1
18:00	0.0042	0.0042	6.6	6.6	2488572.2	1.3	.05	.05	-2.8
19:00	0.0044	0.0044	6.9	6.9	2487198.9	2.0	.08	.08	-3.5
20:00	0.0045	0.0045	7.0	7.0	2486769.2	2.5	.10	.10	-3.4
21:00	0.0045	0.0045	7.0	7.0	2486662.3	4.6	.18	.18	-3.4
22:00	0.0045	0.0045	7.1	7.1	2486317.9	4.6	.18	.18	-3.3
23:00	0.0046	0.0046	7.2	7.2	2485869.7	2.0	.08	.08	-3.5
Avg	0.0038	0.0039	5.9	6.2	2490950.0	1.6	.06	.17	9.8
Max	0.0046	0.0046	7.2	7.2	2496132.1	4.6	.18	.68	56.4
Hr. of Max	23	23	23	23	00	22	22	12	14
Min	0.0024	0.0033	3.8	5.3	2485869.7	.0	.00	.00	-3.9
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	-.01	29.19	988.6	113	177	123	155	26	28
01:00	-.01	29.19	988.4	72	93	82	95	37	14
02:00	-.01	29.18	988.1	69	73	77	75	49	17
03:00	-.01	29.17	987.7	88	69	87	71	74	20
04:00	-.01	29.15	987.3	69	79	79	80	56	16
05:00	-.01	29.15	987.3	34	52	38	54	61	16
06:00	-.01	29.15	987.3	60	57	69	60	57	44
07:00	.00	29.15	987.0	347	17	30	29	49	29
08:00	.02	29.15	987.0	265	54	266	55	42	25
09:00	.02	29.14	986.8	249	56	260	57	37	15
10:00	.03	29.12	986.1	169	62	86	62	57	44
11:00	.05	29.10	985.5	246	61	276	62	67	19
12:00	.05	29.08	984.9	263	46	266	338	16	27
13:00	.05	29.05	983.7	166	261	107	269	23	7
14:00	.08	28.99	981.9	72	113	80	79	21	18
15:00	.06	28.95	980.4	81	72	80	75	54	14
16:00	.03	28.90	978.8	65	52	66	53	48	11
17:00	.01	28.85	977.1	71	62	71	61	53	10
18:00	.00	28.83	976.3	73	58	78	59	41	8
19:00	-.01	28.79	975.1	71	57	72	57	34	5
20:00	.00	28.78	974.8	319	342	308	345	55	40
21:00	.00	28.77	974.3	196	296	237	299	72	35
22:00	.00	28.75	973.5	152	238	169	244	59	55
23:00	.00	28.71	972.1	105	70	100	70	44	29
Avg	.01	29.01	982.5	87	59	0	0	47	23
Max	.08	29.19	988.6	347	342	308	345	74	55
Hr. of Max	14	01	00	07	20	20	20	03	22
Min	-.01	28.71	972.1	34	17	30	29	16	5
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	1.7	3.2	2.0	3.8	.9	1.7	6.4	9.4
01:00	1.6	4.5	2.0	4.9	.9	2.2	6.4	9.4
02:00	1.5	4.9	2.1	5.1	.9	2.3	8.5	12.1
03:00	1.4	5.1	2.4	5.4	1.1	2.4	8.5	10.1
04:00	1.2	4.4	1.7	4.5	.7	2.1	7.3	10.5
05:00	.5	3.6	1.0	3.7	.5	1.7	4.8	7.3
06:00	.8	3.2	1.6	3.5	.7	1.6	5.7	7.1
07:00	.6	2.7	1.1	3.1	.5	1.4	4.8	7.1
08:00	.4	1.1	.5	1.3	.3	.6	1.1	2.5
09:00	.4	1.5	.5	1.7	.3	.7	3.9	3.4
10:00	.8	2.6	1.0	2.9	.6	1.4	1.8	4.1
11:00	.8	1.9	1.0	2.1	.6	1.0	3.7	4.6
12:00	1.9	.7	1.9	2.1	.9	1.0	7.1	6.9
13:00	.2	1.9	2.1	1.9	1.0	.9	6.9	6.9
14:00	2.0	2.6	2.1	2.7	.9	1.2	8.9	6.9
15:00	1.4	3.6	1.7	3.6	.8	1.6	6.4	6.9
16:00	.9	3.3	1.1	3.3	.5	1.5	4.6	6.6
17:00	1.7	7.7	2.3	7.9	1.0	3.6	8.0	13.7
18:00	2.9	10.8	3.3	10.8	1.5	4.9	12.6	18.1
19:00	2.5	11.5	2.8	11.5	1.2	5.2	10.5	17.2
20:00	.9	2.8	1.5	4.0	.7	1.8	5.0	9.4
21:00	.6	3.1	1.9	4.0	.9	1.8	6.9	9.8
22:00	1.0	2.8	2.5	3.7	1.1	1.7	6.9	8.7
23:00	1.5	4.2	2.5	5.7	1.1	2.6	8.0	11.0
Avg	2.1	2.1	1.8	4.3	.8	2.0	6.4	8.7
Max	2.9	11.5	3.3	11.5	1.5	5.2	12.6	18.1
Hr. of Max	18	19	18	19	18	19	18	18
Min	.2	.7	.5	1.3	.3	.6	1.1	2.5
Count	24	24	24	24	24	24	24	24
Total								