Date Printed: 12/12/2015 03:16

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

Daily Summary Report

Site: Tower "K" (1208)

12/10/2015

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	6.5	10.0	43.7	49.9	3.5	6.4	43.5	100.2	7.4
01:00	5.8	9.2	42.4	48.6	3.4	5.7	42.2	100.2	7.1
02:00	6.0	9.2	42.7	48.5	3.2	5.9	42.5	100.2	7.2
03:00	5.6	7.0	42.1	44.6	1.4	5.5	41.9	100.3	7.0
04:00	5.1	5.7	41.2	42.3	.6	5.0	41.1	100.2	6.8
05:00	5.1	5.6	41.2	42.0	.4	5.0	41.1	100.3	6.8
06:00	5.4	6.1	41.7	43.1	.7	5.3	41.6	100.3	6.9
07:00	5.5	6.0	41.9	42.8	.5	5.4	41.7	100.3	7.0
08:00	5.8	6.0	42.5	42.8	.2	5.7	42.3	100.4	7.1
09:00	6.8	6.5	44.3	43.7	-.3	6.7 -	44.1 -	100.5	7.6 -
10:00	7.8	7.4	46.0	45.4	-.3	7.7	45.9	100.6	8.1
11:00	9.7	9.3	49.5	48.7	-.4	7.2	45.0	86.0	7.8
12:00	13.0	12.1	55.5	53.8	-.9	7.7	45.8	70.7	8.0
13:00	14.2	13.5	57.6	56.4	-.7	9.2	48.5	72.7	8.8
14:00	15.9 P	15.1 P	60.6 P	59.2 P	-.8 P	P	P	67.1 P	9.0 P
15:00	16.6	16.0	62.0	60.8	-.7	10.9	51.7	70.1	9.8
16:00	16.6	16.6	61.9	61.8	-.1	11.9	53.4	74.7	10.4
17:00	16.4	16.6	61.5	62.0	.3	12.4	54.3	78.7	10.8
18:00	15.8	16.2	60.4	61.2	.4	12.4	54.3	81.5	10.8
19:00	14.4	15.8	57.9	60.4	1.3	12.3	54.1	88.6	10.8
20:00	13.6	15.6	56.4	60.1	2.1	12.3	54.2	93.7	10.9
21:00	14.2	14.9	57.6	58.8	.7	12.8	55.0	92.4	11.1
22:00	14.3	14.7	57.7	58.5	.4	12.4	54.4	89.8	10.9
23:00	13.2	14.2	55.8	57.6	1.0	12.0	53.6	93.7	10.6
Avg	10.6	11.2	51.0	52.2	.7	8.6	47.5	90.1	8.7
Max	16.6	16.6	62.0	62.0	3.5	12.8	55.0	100.6	11.1
Hr. of Max	16	17	15	17	00	21	21	10	21
Min	5.1	5.6	41.2	42.0	-.9	5.0	41.1	67.1	6.8
Count	24	24	24	24	24	23	23	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	0.0061	0.0061	9.6	9.7	2475847.9	.0	.00	.00	-3.5
01:00	0.0058	0.0058	9.2	9.2	2477532.7	.0	.00	.00	-3.5
02:00	0.0059	0.0059	9.3	9.3	2477117.5	.0	.00	.00	-3.3
03:00	0.0058	0.0058	9.0	9.1	2477961.9	.0	.00	.00	-3.3
04:00	0.0056	0.0056	8.8	8.8	2479070.2	.0	.00	.00	-3.4
05:00	0.0056	0.0056	8.8	8.8	2479083.0	.0	.00	.00	-3.2
06:00	0.0057	0.0057	8.9	9.0	2478436.2	.0	.00	.00	-3.6
07:00	0.0057	0.0057	9.0	9.0	2478248.8	.0	.00	.00	.1
08:00	0.0059	0.0058	9.2	9.2	2477429.4	.0	.00	.00	35.8
09:00	0.0063 -	0.0063 -	9.9 -	9.9	2475093.4	.0	.00	.00	104.1
10:00	0.0067	0.0067	10.5	10.6	2472821.3	.0	.00	.00	147.6
11:00	0.0065	0.0076	10.2	12.1	2468247.0	.0	.00	.00	343.5
12:00	0.0067	0.0095	10.5	15.1	2460306.4	.0	.00	.00	346.6
13:00	0.0075	0.0103	11.7	16.3	2457451.9	.0	.00	.00	302.9
14:00	0.0077 P	0.0115 P	12.0 P	18.1 P	2453560.8 P	.0 P	.00 P	<	244.7 P
15:00	0.0084	0.012	13.1	19.0	2451745.5	.0	.00	.00	160.3
16:00	0.009	0.012	14.0	19.0	2451773.9	.0	.00	.00	44.3
17:00	0.0093	0.0118	14.5	18.6	2452414.6	.0	.00	.00	.0
18:00	0.0093	0.0114	14.4	18.0	2453806.7	.0	.00	.00	-2.8
19:00	0.0092	0.0104	14.3	16.4	2457073.9	.0	.00	.00	-3.1
20:00	0.0092	0.0099	14.4	15.6	2459028.7	.0	.00	.00	-2.9
21:00	0.0095	0.0103	14.8	16.2	2457527.8	.0	.00	.00	-3.2
22:00	0.0093	0.0103	14.5	16.3	2457308.6	.0	.00	.00	-3.0
23:00	0.009	0.0097	14.1	15.2	2459828.2	.0	.00	.00	-3.1
Avg	0.0073	0.0084	11.4	13.3	2466196.5	.0	.00	.00	70.3
Max	0.0095	0.012	14.8	19.0	2479083.0	.0	.00	.00	346.6
Hr. of Max	21	16	21	16	05	23	23	23	12
Min	0.0056	0.0056	8.8	8.8	2451745.5	.0	.00	.00	-3.6
Count	24	24	24	24	24	24	24	23	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	29.06	984.3	230	232	122	230	60	12
01:00	-.01	29.06	984.2	200	228	197	228	15	11
02:00	.00	29.05	983.8	220	254	32	254	38	8
03:00	.00	29.05	983.6	202	75	174	3	57	32
04:00	.00	29.04	983.6	236	211	109	220	55	24
05:00	.00	29.04	983.6	41	223	44	43	49	21
06:00	-.01	29.06	984.0	93	23	83	35	39	27
07:00	.00	29.06	984.2	86	70	110	79	40	23
08:00	.05	29.07	984.5	17	66	12	68	42	30
09:00	.15	29.08 -	984.7 -	4	37	352	36	56	34
10:00	.21	29.08	984.8	324	11	318	353	62	49
11:00	.49	29.07	984.4	328	1	322	15	42	57
12:00	.50	29.04	983.5	247	232	258	241	45	55
13:00	.43	29.02	982.6	279	272	277	270	30	23
14:00	.35 P	28.98 P	981.5 P	256 P	245 P	254 P	243 P	30 P	17 P
15:00	.23	28.96	980.7	244	231	245	231	16	12
16:00	.06	28.95	980.5	232	225	233	224	13	7
17:00	.00	28.97	981.1	257	234	254	233	16	4
18:00	.00	28.98	981.5	294	228	79	229	48	5
19:00	.00	28.99	981.7	16	202	132	202	40	12
20:00	.00	28.99	981.7	107	194	113	196	67	7
21:00	.00	28.98	981.6	275	228	249	227	53	10
22:00	.00	28.99	981.9	235	235	236	234	15	5
23:00	.00	28.99	981.9	239	237	231	236	34	4
Avg	.10	29.02	982.9	263	236	0	0	40	20
Max	.50	29.08	984.8	328	272	352	353	67	57
Hr. of Max	12	10	10	11	13	09	10	20	11
Min	-.01	28.95	980.5	4	1	12	3	13	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	38_24HR_PR
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH	None
00:00	.0	1.3	.3	1.3	.1	.6	2.3	3.0	.00
01:00	.8	2.7	.8	2.7	.4	1.3	3.2	4.1	.00
02:00	.1	2.5	.4	2.6	.2	1.2	2.1	5.3	.00
03:00	.2	.5	.6	.8	.3	.4	2.5	3.4	.00
04:00	.1	.4	.3	.6	.1	.3	1.8	2.7	.00
05:00	.2	.3	.3	.5	.1	.2	1.6	2.5	.00
06:00	.3	1.6	.5	1.8	.2	.8	2.3	3.9	.00
07:00	.3	1.7	.6	1.8	.3	.8	1.8	4.4	.00
08:00	.5	1.2	.8	1.6	.3	.7	2.5	3.0	.00
09:00	.7	1.7	.9	2.1	.4	1.0	3.4	4.6	.00
10:00	.7	.9	.8	1.2	.4	.6	2.7	3.4	.00
11:00	.8	.7	1.1	1.2	.5	.5	3.9	3.2	.00
12:00	1.5	1.8	2.0	2.5	.9	1.1	8.9	9.6	.00
13:00	2.7	3.5	3.0	3.7	1.3	1.7	7.8	6.9	.00
14:00	3.3 P	4.1 P	3.6 P	4.3 P	1.6 P	1.9 P	<	<	.00 P
15:00	3.5	4.8	3.6	4.9	1.6	2.2	9.8	11.9	.00
16:00	2.7	6.6	2.7	6.6	1.2	3.0	7.1	11.0	.00
17:00	.9	4.7	1.0	4.7	.4	2.1	5.3	8.7	.00
18:00	.0	2.6	.0	2.6	.0	1.2	.9	3.9	.00
19:00	.4	1.5	.6	1.5	.3	.7	2.3	3.2	.00
20:00	.0	6.1	.4	6.1	.2	2.8	2.7	10.3	.00
21:00	.5	5.6	1.1	5.7	.5	2.6	3.7	11.0	.00
22:00	2.2	8.2	2.7	8.2	1.2	3.7	4.8	11.4	.00
23:00	.9	6.6	1.0	6.6	.5	3.0	3.9	9.4	.00
Avg	.8	.8	1.2	3.1	.5	1.4	3.8	6.1	.00
Max	3.5	8.2	3.6	8.2	1.6	3.7	9.8	11.9	.00
Hr. of Max	15	22	15	22	15	22	15	15	23
Min	.0	.3	.0	.5	.0	.2	.9	2.5	.00
Count	24	24	24	24	24	24	23	23	24
Total									