Date Printed: 12/17/2015 02:11

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

Daily Summary Report

Site: Tower "K" (1208)

12/14/2015

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	17.7	19.4	63.9	66.9	1.6	12.5	54.4	72.4	10.8
01:00	18.2	19.4	64.8	66.9	1.2	13.0	55.4	72.8	11.2
02:00	19.7	19.8	67.4	67.7	.2	13.2	55.7	67.4	11.3
03:00	20.1	20.0	68.1	67.9	-.1	13.7	56.6	67.8	11.6
04:00	20.5	20.3	68.9	68.5	-.2	14.1	57.5	68.3	12.0
05:00	20.6	20.3	69.0	68.6	-.2	14.8	58.6	71.0	12.5
06:00	20.6	20.3	69.0	68.6	-.2	14.9	58.9	71.5	12.6
07:00	20.8	20.6	69.5	69.0	-.3	14.9	58.8	70.3	12.6
08:00	17.4	17.0	63.2	62.6	-.4	14.7	58.4	86.9	
09:00	14.1	13.8	57.3	56.9	-.3	13.9	57.0	100.6	
10:00	14.2	14.0	57.5	57.1	-.2	14.0	57.2	100.7	
11:00	14.1	13.9	57.4	57.1	-.2	14.0	57.1	100.7	
12:00	14.9	14.3	58.8	57.7	-.6	14.7	58.5	100.7	
13:00	16.9	15.6	62.4	60.1	-1.3	11.8	53.2	74.0	
14:00	18.0	16.8	64.4	62.3	-1.2	8.1	46.6	53.5	
15:00	18.6	17.5	65.5	63.6	-1.1	5.9	42.6	44.2	
16:00	18.4	17.6	65.0	63.7	-.8	6.3	43.3	46.1	
17:00	17.1	16.9	62.9	62.5	-.2	8.7	47.7	58.7	
18:00	16.1	16.1	60.9	61.0	.0	9.2	48.6	64.8	
19:00	15.4	15.5	59.6	59.9	.1	8.8	47.8	65.9	
20:00	14.9	14.9	58.8	58.8	.0	8.5	47.3	66.6	
21:00	14.5	14.6	58.2	58.3	.1	8.2	46.7	66.6	
22:00	14.4	14.3	57.8	57.8	.0	8.1	46.6	67.1	
23:00	13.9	14.0	57.0	57.1	.1	8.3	46.9	69.7	
Avg	17.1	17.0	62.8	62.5	-.2	11.4	52.6	72.0	11.8
Max	20.8	20.6	69.5	69.0	1.6	14.9	58.9	100.7	12.6
Hr. of Max	07	07	07	07	00	07	06	12	07
Min	13.9	13.8	57.0	56.9	-1.3	5.9	42.6	44.2	10.8
Count	24	24	24	24	24	24	24	24	8
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	0.0094	0.0129	14.5	20.4	2449135.7	.0	.00	.00	-2.9
01:00	0.0097	0.0133	15.0	21.0	2448039.1	.0	.00	.00	-3.0
02:00	0.0098	0.0146	15.2	22.9	2444599.9	.0	.00	.00	-2.9
03:00	0.0102	0.015	15.7	23.6	2443591.2	.0	.00	.00	-2.8
04:00	0.0105	0.0154	16.2	24.2	2442608.1	.0	.00	.00	-3.0
05:00	0.011	0.0155	16.9	24.3	2442457.9	.0	.00	.00	-2.6
06:00	0.0111	0.0155	17.1	24.3	2442404.6	.0	.00	.00	-2.7
07:00	0.0111	0.0158	17.0	24.7	2441806.0	.0	.00	.00	-1.2
08:00	0.0109	0.0129	16.7	20.2	2450061.8	1.8	.07	.07	3.0
09:00	0.0103	0.0103	15.9	16.1	2457847.5	2.3	.09	.09	27.8
10:00	0.0104	0.0103	16.0	16.2	2457645.5	1.3	.05	.05	42.2
11:00	0.0104	0.0103	16.0	16.1	2457786.0	.8	.03	.03	64.4
12:00	0.0109	0.0109	16.8	17.0	2455874.5	.3	.01	.01	260.2
13:00	0.0091	0.0123	14.0	19.3	2451234.0	.0	.00	.00	500.7
14:00	0.0071	0.0132	10.9	20.7	2448525.5	.0	.00	.00	406.2
15:00	0.0061	0.0137	9.4	21.5	2447136.5	.0	.00	.00	270.4
16:00	0.0062	0.0135	9.6	21.2	2447685.8	.0	.00	.00	113.4
17:00	0.0073	0.0125	11.3	19.6	2450563.8	.0	.00	.00	8.2
18:00	0.0076	0.0117	11.7	18.3	2453128.3	.0	.00	.00	-2.8
19:00	0.0073	0.0112	11.4	17.5	2454811.0	.0	.00	.00	-3.0
20:00	0.0072	0.0108	11.1	16.9	2455974.3	.0	.00	.00	-2.7
21:00	0.007	0.0106	10.9	16.6	2456761.0	.0	.00	.00	-3.0
22:00	0.007	0.0104	10.9	16.4	2457188.0	.0	.00	.00	-3.0
23:00	0.0071	0.0101	11.0	15.9	2458253.5	.0	.00	.00	-2.9
Avg	0.0089	0.0126	13.8	19.8	2450630.0	.3	.01	.01	69.1
Max	0.0111	0.0158	17.1	24.7	2458253.5	2.3	.09	.09	500.7
Hr. of Max	07	07	06	07	23	09	09	09	13
Min	0.0061	0.0101	9.4	15.9	2441806.0	.0	.00	.00	-3.0
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	28.91	979.2	245	201	231	197	33	13
01:00	.00	28.89	978.3	212	195	197	192	48	14
02:00	.00	28.87	977.7	190	191	190	191	19	11
03:00	.00	28.85	977.2	182	183	183	183	19	13
04:00	.00	28.81	975.6	181	180	182	180	20	15
05:00	.00	28.78	974.7	184	184	184	184	18	13
06:00	.00	28.77	974.5	178	181	179	181	19	12
07:00	.00	28.75	973.5	177	178	177	178	20	14
08:00	.00	28.77	974.1	226	223	233	228	23	18
09:00	.04	28.80	975.3	221	223	223	224	16	9
10:00	.06	28.79	975.1	196	203	196	203	17	10
11:00	.09	28.77	974.4	193	197	194	198	18	11
12:00	.37	28.74	973.3	202	206	203	207	18	10
13:00	.72	28.72	972.6	212	215	212	215	20	10
14:00	.58	28.70	972.0	207	211	206	211	20	12
15:00	.39	28.70	972.0	216	215	215	215	20	12
16:00	.16	28.71	972.2	207	212	207	213	17	9
17:00	.01	28.72	972.6	199	206	199	206	16	8
18:00	.00	28.74	973.2	205	209	205	210	15	8
19:00	.00	28.77	974.2	237	232	238	232	14	7
20:00	.00	28.80	975.2	228	230	228	230	16	7
21:00	.00	28.82	976.0	223	224	223	224	16	7
22:00	.00	28.85	976.9	224	228	224	228	16	7
23:00	.00	28.86	977.4	231	228	230	228	15	5
Avg	.10	28.79	974.9	207	207	0	0	20	11
Max	.72	28.91	979.2	245	232	238	232	48	18
Hr. of Max	13	00	00	00	19	19	19	01	08
Min	.00	28.70	972.0	177	178	177	178	14	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	38_24HR_PR
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH	None
00:00	1.8	8.1	2.6	8.8	1.2	4.0	12.8	20.6	.00
01:00	2.0	8.5	2.8	8.9	1.3	4.0	16.0	22.4	.00
02:00	5.7	11.8	6.0	12.1	2.7	5.4	15.8	22.2	.00
03:00	8.3	15.0	8.8	15.4	3.9	6.9	20.8	28.2	.00
04:00	8.7	15.7	9.2	16.1	4.1	7.2	21.8	30.5	.00
05:00	9.8	16.6	10.3	17.0	4.6	7.6	22.9	35.0	.00
06:00	7.2	13.4	7.6	13.7	3.4	6.1	17.6	23.8	.00
07:00	6.8	12.7	7.3	13.1	3.2	5.9	19.7	25.2	.00
08:00	10.7	15.9	12.5	18.2	5.6	8.2	34.1	38.7	.02
09:00	6.7	13.2	7.2	13.5	3.2	6.0	16.5	25.0	.10
10:00	8.9	16.1	9.3	16.3	4.2	7.3	19.0	32.7	.17
11:00	6.3	12.3	6.5	12.5	2.9	5.6	17.2	22.9	.22
12:00	7.0	13.2	7.4	13.4	3.3	6.0	19.0	23.4	.25
13:00	11.4	21.8	12.0	22.1	5.4	9.9	27.7	36.0	.25
14:00	10.8	19.9	11.5	20.3	5.1	9.1	24.0	36.0	.25
15:00	10.3	20.0	11.0	20.4	4.9	9.1	27.5	38.0	.25
16:00	9.6	18.3	10.1	18.5	4.5	8.3	22.7	32.5	.25
17:00	7.9	15.3	8.2	15.4	3.7	6.9	19.2	25.4	.25
18:00	6.1	13.7	6.4	13.8	2.9	6.2	14.4	22.4	.25
19:00	7.2	14.4	7.5	14.6	3.3	6.5	16.0	23.6	.25
20:00	5.5	12.9	5.8	13.0	2.6	5.9	12.6	20.2	.25
21:00	6.0	14.1	6.2	14.2	2.8	6.4	14.9	21.8	.25
22:00	5.5	12.8	5.7	12.8	2.5	5.8	17.2	21.5	.25
23:00	5.8	13.8	6.1	13.8	2.7	6.2	14.9	20.4	.25
Avg	10.1	10.1	7.8	14.9	3.5	6.7	19.3	27.0	.15
Max	11.4	21.8	12.5	22.1	5.6	9.9	34.1	38.7	.25
Hr. of Max	13	13	08	13	08	13	08	08	23
Min	1.8	8.1	2.6	8.8	1.2	4.0	12.6	20.2	.00
Count	24	24	24	24	24	24	24	24	24
Total									