Date Printed: 10/13/2015 02:59

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

Daily Summary Report

Site: Tower "K" (1208)

10/11/2015

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	14.0	13.8	57.2	56.8	-.2	13.7	56.7	100.0	
01:00	13.8	13.7	56.9	56.7	-.1	13.6	56.5	100.0	
02:00	13.8	13.6	56.8	56.5	-.2	13.5	56.3	100.0	
03:00	13.7	13.6	56.7	56.5	-.1	13.3	56.0	99.1	
04:00	13.2	13.3	55.7	56.0	.2	12.9	55.3	100.1	
05:00	12.5	12.8	54.5	55.0	.3	12.3	54.1	100.2	
06:00	12.4	12.5	54.4	54.5	.1	12.2	54.0	100.3	
07:00	12.2	12.4	54.0	54.3	.2	12.0	53.6	100.2	
08:00	12.3	12.3	54.2	54.1	.0	12.1	53.8	100.0	
09:00	13.2	12.9	55.7	55.2	-.3	11.6	52.9	91.6	
10:00	14.6	14.2	58.2	57.6	-.3	11.6	52.9	83.7	
11:00	16.1	15.8	61.0	60.4	-.3	11.3	52.4	74.6	
12:00	17.9	17.3	64.1	63.2	-.5	9.9	49.9	60.9	
13:00	18.9	17.6	66.0	63.8	-1.2	10.1	50.3	57.9	
14:00	19.8	18.4	67.7	65.1	-1.4	9.4	48.9	52.2	
15:00	20.3	18.8	68.5	65.8	-1.5	9.0	48.2	49.5	
16:00	21.0	19.2	69.8	66.5	-1.8	7.9	46.2	43.7	
17:00	20.7	19.1	69.2	66.4	-1.6	9.1	48.3	48.2	
18:00	19.8	18.8	67.7	65.9	-1.0	10.6	51.0	56.4	
19:00	17.3	18.0	63.1	64.4	.7	13.2	55.7	78.2	
20:00	15.0	16.5	59.0	61.6	1.4	14.1	57.3	95.6	
21:00	13.8	14.9	56.9	58.8	1.0	13.6	56.5	100.1	
22:00	13.0	14.0	55.4	57.1	1.0	12.8	55.0	100.3	
23:00	12.4	13.2	54.3	55.7	.8	12.2	53.9	100.3	
Avg	15.5	15.3	59.9	59.5	-.2	11.8	53.2	83.0	
Max	21.0	19.2	69.8	66.5	1.4	14.1	57.3	100.3	
Hr. of Max	16	16	16	16	20	20	20	23	
Min	12.2	12.3	54.0	54.1	-1.8	7.9	46.2	43.7	
Count	24	24	24	24	24	24	24	24	0
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	0.0101	0.0101	15.7	16.0	2458061.8	.0	.00	.00	-3.3
01:00	0.01	0.01	15.6	15.9	2458388.5	.0	.00	.00	-3.1
02:00	0.01	0.01	15.5	15.8	2458591.5	.0	.00	.00	-2.7
03:00	0.0098	0.0099	15.3	15.7	2458710.5	.0	.00	.00	-2.8
04:00	0.0096	0.0096	15.0	15.2	2460000.0	.0	.00	.00	-2.8
05:00	0.0092	0.0092	14.3	14.5	2461623.5	.0	.00	.00	-3.0
06:00	0.0091	0.0091	14.3	14.4	2461768.8	.0	.00	.00	-3.0
07:00	0.009	0.009	14.1	14.2	2462289.3	.0	.00	.00	.3
08:00	0.009	0.009	14.1	14.3	2462051.3	.0	.00	.00	40.8
09:00	0.0088	0.0096	13.7	15.2	2459968.0	.0	.00	.00	104.6
10:00	0.0088	0.0105	13.7	16.6	2456667.3	.0	.00	.00	164.6
11:00	0.0086	0.0116	13.5	18.3	2453031.5	.0	.00	.00	259.1
12:00	0.0079	0.0129	12.3	20.5	2448874.3	.0	.00	.00	410.3
13:00	0.008	0.0138	12.5	21.9	2446453.8	.0	.00	.00	616.3
14:00	0.0076	0.0147	11.9	23.2	2444236.8	.0	.00	.00	582.4
15:00	0.0074	0.0151	11.6	23.8	2443176.3	.0	.00	.00	483.3
16:00	0.0069	0.0158	10.8	24.9	2441395.5	.0	.00	.00	464.5
17:00	0.0075	0.0155	11.6	24.4	2442194.3	.0	.00	.00	264.2
18:00	0.0083	0.0147	12.9	23.2	2444234.5	.0	.00	.00	72.9
19:00	0.0098	0.0125	15.2	19.8	2450251.8	.0	.00	.00	-1.6
20:00	0.0104	0.0108	16.1	17.1	2455592.8	.0	.00	.00	-3.1
21:00	0.0101	0.01	15.6	15.9	2458403.5	.0	.00	.00	-3.1
22:00	0.0095	0.0095	14.8	15.0	2460425.8	.0	.00	.00	-3.0
23:00	0.0091	0.0091	14.2	14.4	2461917.5	.0	.00	.00	-3.2
Avg	0.0089	0.0113	13.9	17.9	2454512.9	.0	.00	.00	142.9
Max	0.0104	0.0158	16.1	24.9	2462289.3	.0	.00	.00	616.3
Hr. of Max	20	16	20	16	07	23	23	23	13
Min	0.0069	0.009	10.8	14.2	2441395.5	.0	.00	.00	-3.3
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	29.12	986.1	5	277	2	281	29	16
01:00	.00	29.11	985.7	357	336	10	336	32	11
02:00	.00	29.10	985.4	30	348	41	347	41	13
03:00	.00	29.10	985.4	110	284	97	294	36	23
04:00	.00	29.09	985.2	22	317	25	319	37	9
05:00	.00	29.09	985.1	255	303	289	305	36	10
06:00	.00	29.10	985.4	58	332	37	339	42	13
07:00	.00	29.11	985.7	8	7	11	5	34	26
08:00	.06	29.12	986.0	353	20	3	11	33	14
09:00	.15	29.12	986.3	316	358	317	0	35	23
10:00	.24	29.12	986.3	291	329	292	333	44	23
11:00	.37	29.12	986.1	301	322	298	322	46	21
12:00	.59	29.11	985.8	323	341	312	332	70	43
13:00	.88	29.09	985.0	182	164	192	172	42	29
14:00	.84	29.05	983.8	228	219	233	219	33	24
15:00	.69	29.03	983.0	189	182	192	183	31	19
16:00	.67	29.01	982.3	200	199	201	199	26	16
17:00	.38	28.99	981.9	192	184	192	184	24	17
18:00	.10	28.98	981.5	164	178	165	178	21	9
19:00	.00	28.98	981.6	163	170	137	171	47	6
20:00	.00	28.99	981.8	214	237	211	184	38	28
21:00	.00	28.99	981.8	249	114	252	136	40	45
22:00	.00	29.01	982.3	221	56	215	308	15	39
23:00	.00	29.02	982.6	205	240	202	233	39	18
Avg	.21	29.06	984.3	255	291	0	0	36	21
Max	.88	29.12	986.3	357	358	317	347	70	45
Hr. of Max	13	11	10	01	09	09	02	12	21
Min	.00	28.98	981.5	5	7	2	0	15	6
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	.3	.9	.3	.9	.1	.4	1.6	2.1
01:00	.3	2.6	.3	2.6	.2	1.2	1.6	4.1
02:00	.3	4.1	.4	4.1	.2	1.9	2.7	6.9
03:00	.1	1.3	.3	1.7	.1	.8	1.8	4.6
04:00	.4	2.8	.5	2.9	.2	1.3	1.8	4.6
05:00	.1	2.3	.1	2.4	.1	1.1	1.1	4.4
06:00	.2	2.5	.3	2.6	.1	1.2	1.8	6.2
07:00	.2	2.6	.3	2.8	.1	1.3	1.6	5.0
08:00	.3	.5	.4	.5	.2	.3	1.6	2.7
09:00	.6	1.2	.6	1.3	.3	.6	2.3	3.2
10:00	.9	1.7	1.1	1.8	.5	.8	3.4	5.5
11:00	1.1	1.6	1.3	1.7	.6	.8	3.9	5.0
12:00	.6	1.4	1.3	1.8	.6	.8	4.6	6.0
13:00	2.0	2.7	2.7	3.2	1.2	1.5	7.8	8.7
14:00	3.1	4.2	3.7	4.6	1.7	2.1	11.2	11.0
15:00	3.0	5.0	3.5	5.3	1.6	2.4	10.5	10.8
16:00	3.8	6.1	4.2	6.3	1.9	2.8	8.2	10.3
17:00	3.6	5.2	3.9	5.3	1.8	2.4	8.7	9.4
18:00	2.4	5.4	2.6	5.4	1.1	2.4	7.3	7.8
19:00	1.3	5.7	1.7	5.7	.7	2.6	5.0	8.2
20:00	.3	.7	.5	1.1	.2	.5	1.8	4.4
21:00	.2	.2	.4	.2	.2	.1	1.8	1.6
22:00	.1	.4	.1	.4	.0	.2	1.4	1.6
23:00	.5	1.8	.8	1.9	.4	.9	2.3	3.4
Avg	1.2	1.2	1.3	2.7	.6	1.3	4.0	5.7
Max	3.8	6.1	4.2	6.3	1.9	2.8	11.2	11.0
Hr. of Max	16	16	16	16	16	16	14	14
Min	.1	.2	.1	.2	.0	.1	1.1	1.6
Count	24	24	24	24	24	24	24	24
Total								