Date Printed: 10/13/2015 02:57

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

Daily Summary Report

Site: Tower "K" (1208)

10/12/2015

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	11.7	12.6	53.1	54.7	.9	11.6	52.8	100.4	
01:00	11.2	12.0	52.2	53.7	.8	11.1	52.0	100.4	
02:00	11.1	11.0	52.0	51.9	.0	10.9	51.7	100.4	
03:00	11.0	10.8	51.9	51.5	-.2	10.9	51.6	100.4	
04:00	10.9	10.6	51.6	51.0	-.3	10.7	51.3	100.5	
05:00	10.3	10.0	50.6	50.0	-.3	10.2	50.4	100.4	
06:00	10.2	9.9	50.3	49.8	-.3	10.0	50.1	100.4	
07:00	10.0	9.7	50.1	49.5	-.3	9.9	49.9	100.4	
08:00	9.9	9.6	49.9	49.3	-.3	9.8	49.7	100.5	
09:00	11.0	10.6	51.8	51.1	-.4	10.9	51.6	100.6	
10:00	11.9	11.5	53.5	52.7	-.4	11.8	53.2	100.5	
11:00	13.1	12.7	55.6	54.8	-.5	11.8	53.2	92.9	
12:00	15.1	14.0	59.2	57.2	-1.1	12.3	54.1	84.5	
13:00	19.0	16.5	66.2	61.6	-2.5	13.3	55.9	70.9	
14:00	21.5	19.9	70.7	67.8	-1.7	11.8	53.3	55.2	
15:00	22.5	20.8	72.4	69.5	-1.7	9.5	49.2	44.8	
16:00	22.9	21.3	73.3	70.3	-1.7	9.8	49.6	44.2	
17:00	22.9	21.6	73.3	71.0	-1.3	9.8	49.6	44.2	
18:00	22.0	21.3	71.5	70.4	-.7	10.4	50.7	48.7	
19:00	19.7	20.2	67.5	68.3	.5	12.3	54.1	63.5	
20:00	18.3	18.8	64.9	65.9	.6	13.8	56.9	76.9	
21:00	17.8	18.3	64.1	65.0	.5	13.7	56.7	78.3	
22:00	17.5	17.8	63.5	64.1	.3	13.6	56.4	79.2	
23:00	16.3	16.8	61.4	62.3	.5	14.5	58.2	91.2	
Avg	15.3	14.9	59.6	58.9	-.4	11.4	52.6	82.5	
Max	22.9	21.6	73.3	71.0	.9	14.5	58.2	100.6	
Hr. of Max	17	17	17	17	00	23	23	09	
Min	9.9	9.6	49.9	49.3	-2.5	9.5	49.2	44.2	
Count	24	24	24	24	24	24	24	24	0
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	0.0088	0.0087	13.7	13.8	2463402.8	.0	.00	.00	-3.1
01:00	0.0085	0.0085	13.2	13.4	2464598.5	.0	.00	.00	-3.0
02:00	0.0084	0.0084	13.1	13.2	2464949.0	.0	.00	.00	-3.3
03:00	0.0084	0.0083	13.1	13.2	2465071.5	.0	.00	.00	-3.4
04:00	0.0083	0.0083	12.9	13.0	2465431.5	.0	.00	.00	-3.0
05:00	0.008	0.008	12.5	12.6	2466739.8	.0	.00	.00	-3.0
06:00	0.0079	0.0079	12.3	12.4	2467111.3	.0	.00	.00	-3.2
07:00	0.0078	0.0078	12.2	12.3	2467415.5	.0	.00	.00	-1.6
08:00	0.0078	0.0078	12.1	12.2	2467672.5	.0	.00	.00	35.6
09:00	0.0084	0.0083	13.0	13.1	2465189.5	.0	.00	.00	127.7
10:00	0.0089	0.0089	13.9	14.0	2462925.3	.0	.00	.00	216.1
11:00	0.0089	0.0096	13.9	15.1	2460088.0	.0	.00	.00	208.6
12:00	0.0092	0.0109	14.3	17.3	2455371.8	.0	.00	.00	416.4
13:00	0.0099	0.014	15.3	22.1	2446196.3	.0	.00	.00	701.8
14:00	0.009	0.0164	14.0	25.8	2440162.3	.0	.00	.00	685.1
15:00	0.0078	0.0173	12.0	27.3	2437950.5	.0	.00	.00	579.2
16:00	0.0079	0.0178	12.2	28.0	2436839.3	.0	.00	.00	422.2
17:00	0.0079	0.0179	12.2	28.0	2436833.3	.0	.00	.00	238.2
18:00	0.0082	0.0168	12.7	26.5	2439129.8	.0	.00	.00	60.6
19:00	0.0093	0.0147	14.4	23.0	2444485.0	.0	.00	.00	-1.6
20:00	0.0103	0.0134	15.9	21.0	2447926.3	.0	.00	.00	-2.8
21:00	0.0102	0.013	15.8	20.5	2448953.5	.0	.00	.00	-2.7
22:00	0.0101	0.0128	15.6	20.0	2449738.5	.0	.00	.00	-3.3
23:00	0.0108	0.0119	16.6	18.6	2452488.0	4.1	.16	.16	-2.9
Avg	0.0088	0.0116	13.6	18.2	2454861.2	.2	.01	.01	152.3
Max	0.0108	0.0179	16.6	28.0	2467672.5	4.1	.16	.16	701.8
Hr. of Max	23	17	23	17	08	23	23	23	13
Min	0.0078	0.0078	12.0	12.2	2436833.3	.0	.00	.00	-3.4
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	29.01	982.5	224	227	159	230	41	19
01:00	.00	29.01	982.4	203	204	93	200	42	13
02:00	.00	29.01	982.4	303	219	301	217	57	18
03:00	.00	29.01	982.4	182	223	234	232	50	18
04:00	.00	28.99	981.8	214	248	221	249	28	23
05:00	.00	28.99	981.7	199	213	199	210	28	28
06:00	.00	29.00	982.0	148	102	225	188	50	51
07:00	.00	29.00	982.0	108	133	99	114	52	33
08:00	.05	29.01	982.4	22	39	33	32	41	37
09:00	.18	29.01	982.6	28	44	80	50	67	51
10:00	.31	29.01	982.6	223	231	229	224	51	57
11:00	.30	29.01	982.4	274	252	270	258	59	61
12:00	.60	28.99	981.7	216	207	212	206	36	28
13:00	1.01	28.95	980.5	235	225	237	224	31	17
14:00	.98	28.91	979.2	234	230	237	229	27	18
15:00	.83	28.89	978.2	232	225	236	225	27	21
16:00	.61	28.86	977.4	214	212	214	211	27	19
17:00	.34	28.86	977.2	199	203	199	203	22	11
18:00	.09	28.85	976.9	216	217	215	217	19	11
19:00	.00	28.83	976.4	184	200	184	198	27	9
20:00	.00	28.84	976.5	229	203	223	203	34	10
21:00	.00	28.84	976.8	237	220	229	220	37	10
22:00	.00	28.83	976.4	291	236	298	235	24	9
23:00	.00	28.82	976.1	234	226	222	221	43	21
Avg	.22	28.94	980.0	221	215	0	0	38	25
Max	1.01	29.01	982.6	303	252	301	258	67	61
Hr. of Max	13	11	10	02	11	02	11	09	11
Min	.00	28.82	976.1	22	39	33	32	19	9
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	.1	2.6	.3	2.8	.1	1.3	1.8	4.6
01:00	.2	1.4	.2	1.4	.1	.6	2.1	3.0
02:00	.2	1.2	.3	1.2	.1	.6	1.8	2.7
03:00	.4	1.5	.7	1.6	.3	.8	3.9	4.8
04:00	.5	.8	.7	.8	.3	.4	2.3	2.5
05:00	1.2	1.4	1.3	1.5	.6	.7	3.2	3.4
06:00	.3	.5	.5	.7	.2	.3	3.4	3.7
07:00	.8	1.1	.9	1.1	.4	.5	3.7	4.4
08:00	.5	1.2	.7	1.6	.3	.7	3.4	3.2
09:00	.1	.6	1.1	2.0	.5	.9	4.6	5.5
10:00	.6	1.1	1.0	1.3	.5	.6	3.7	4.4
11:00	.6	.4	1.2	.9	.5	.4	3.9	4.1
12:00	2.2	4.1	2.6	4.4	1.2	2.0	9.6	11.4
13:00	4.3	6.8	5.0	7.1	2.2	3.2	12.1	18.8
14:00	6.1	9.1	6.9	9.6	3.1	4.3	13.7	16.5
15:00	4.8	7.1	5.4	7.6	2.4	3.4	13.7	14.9
16:00	4.5	7.9	5.0	8.2	2.2	3.7	11.4	16.0
17:00	5.9	10.5	6.3	10.7	2.8	4.8	13.5	16.9
18:00	4.0	8.9	4.5	9.3	2.0	4.2	10.5	14.7
19:00	2.6	8.9	3.1	9.3	1.4	4.2	8.0	16.7
20:00	1.3	8.4	1.6	8.5	.7	3.8	6.9	14.2
21:00	1.0	6.0	1.6	6.1	.7	2.7	4.4	10.8
22:00	.9	4.9	1.2	4.9	.5	2.2	3.4	8.7
23:00	3.7	11.4	5.0	12.5	2.3	5.6	25.4	38.5
Avg	.8	.8	2.4	4.7	1.1	2.2	7.1	10.2
Max	6.1	11.4	6.9	12.5	3.1	5.6	25.4	38.5
Hr. of Max	14	23	14	23	14	23	23	23
Min	.1	.4	.2	.7	.1	.3	1.8	2.5
Count	24	24	24	24	24	24	24	24
Total								