Date Printed: 12/17/2015 02:12

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

Daily Summary Report

Site: Tower "K" (1208)

12/15/2015

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	12.8	13.1	55.0	55.5	.3	8.3	47.0	75.1	
01:00	12.3	12.6	54.1	54.7	.3	8.6	47.4	79.1	
02:00	12.2	12.3	53.9	54.1	.1	8.0	46.4	76.6	
03:00	11.7	11.9	53.0	53.3	.2	7.5	45.6	76.7	
04:00	10.7	11.3	51.3	52.4	.6	7.5	45.5	81.4	
05:00	10.3	11.2	50.5	52.1	.9	7.5	45.5	84.1	
06:00	9.0	10.6	48.2	51.2	1.6	7.6	45.6	91.6	
07:00	7.8	9.9	46.1	49.9	2.1	7.6	45.6	99.2	
08:00	8.2	9.8	46.7	49.7	1.7	5.5	42.0	84.9	
09:00	10.3	10.4	50.5	50.8	.1	3.1	37.6	61.9	
10:00	12.6	12.0	54.6	53.6	-.5	4.5	40.1	58.6	
11:00	14.2	13.4	57.6	56.2	-.8	4.9	40.8	54.1	
12:00	15.9	14.6	60.6	58.3	-1.3	5.1	41.2	49.5	
13:00	17.1	15.8	62.7	60.5	-1.2	3.8	38.9	42.1	
14:00	18.3	16.7	64.9	62.1	-1.6	3.6	38.4	38.2	
15:00	18.7	17.5	65.7	63.6	-1.2	3.5	38.3	37.0	
16:00	18.5	17.7	65.3	63.8	-.8	4.1	39.4	39.3	
17:00	17.1	17.0	62.8	62.6	-.1	7.6	45.7	54.8	
18:00	15.4	16.3	59.7	61.4	1.0	9.2	48.6	67.6	
19:00	12.6	15.3	54.6	59.5	2.7	9.1	48.4	80.7	
20:00	11.1	14.1	51.9	57.4	3.1	9.2	48.5	89.2	
21:00	9.8	13.3	49.7	55.9	3.5	8.7	47.7	94.1	
22:00	8.3	11.8	47.0	53.3	3.5	8.0	46.5	99.3	
23:00	7.8	10.9	46.0	51.6	3.1	7.6	45.7	100.0	
Avg	12.6	13.3	54.7	56.0	.7	6.7	44.0	71.5	
Max	18.7	17.7	65.7	63.8	3.5	9.2	48.6	100.0	
Hr. of Max	15	16	15	16	22	20	18	23	
Min	7.8	9.8	46.0	49.7	-1.6	3.1	37.6	37.0	
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	0.0071	0.0094	11.0	14.8	2460870.3	.0	.00	.00	-3.0
01:00	0.0072	0.0091	11.2	14.3	2462133.8	.0	.00	.00	-3.1
02:00	0.0069	0.009	10.8	14.2	2462367.0	.0	.00	.00	-2.8
03:00	0.0067	0.0087	10.4	13.7	2463561.5	.0	.00	.00	-3.2
04:00	0.0067	0.0082	10.4	12.9	2465856.5	.0	.00	.00	-3.2
05:00	0.0067	0.0079	10.4	12.5	2466905.3	.0	.00	.00	-3.3
06:00	0.0067	0.0073	10.4	11.5	2469851.5	.0	.00	.00	-3.4
07:00	0.0067	0.0067	10.4	10.6	2472630.3	.0	.00	.00	1.3
08:00	0.0058	0.0069	9.1	10.9	2471884.8	.0	.00	.00	118.7
09:00	0.0049	0.0079	7.7	12.5	2466832.5	.0	.00	.00	273.0
10:00	0.0054	0.0092	8.5	14.6	2461447.0	.0	.00	.00	404.1
11:00	0.0056	0.0103	8.7	16.3	2457487.0	.0	.00	.00	486.3
12:00	0.0057	0.0115	8.9	18.1	2453532.3	.0	.00	.00	518.2
13:00	0.0052	0.0124	8.1	19.5	2450736.5	.0	.00	.00	493.9
14:00	0.0051	0.0134	8.0	21.1	2447813.0	.0	.00	.00	409.8
15:00	0.0051	0.0137	8.0	21.7	2446754.3	.0	.00	.00	275.3
16:00	0.0053	0.0135	8.3	21.3	2447375.8	.0	.00	.00	113.4
17:00	0.0068	0.0124	10.6	19.5	2450665.0	.0	.00	.00	9.0
18:00	0.0075	0.0111	11.7	17.6	2454723.3	.0	.00	.00	-2.9
19:00	0.0074	0.0093	11.6	14.6	2461403.0	.0	.00	.00	-3.2
20:00	0.0075	0.0084	11.6	13.2	2465029.5	.0	.00	.00	-3.3
21:00	0.0072	0.0077	11.3	12.2	2467947.0	.0	.00	.00	-3.4
22:00	0.0069	0.0069	10.8	11.0	2471522.5	.0	.00	.00	-3.4
23:00	0.0067	0.0067	10.5	10.6	2472813.5	.0	.00	.00	-3.4
Avg	0.0064	0.0095	9.9	15.0	2461339.3	.0	.00	.00	127.6
Max	0.0075	0.0137	11.7	21.7	2472813.5	.0	.00	.00	518.2
Hr. of Max	20	15	18	15	23	23	23	23	12
Min	0.0049	0.0067	7.7	10.6	2446754.3	.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	28.89	978.3	226	238	227	238	14	6
01:00	.00	28.91	979.0	245	254	246	254	13	5
02:00	.00	28.93	979.7	244	248	246	248	13	7
03:00	.00	28.94	980.2	245	253	248	253	10	4
04:00	.00	28.95	980.4	207	235	207	235	11	5
05:00	.00	28.96	980.8	213	239	214	239	12	5
06:00	.00	28.98	981.3	183	236	207	237	23	4
07:00	.00	29.00	982.0	230	208	231	208	15	6
08:00	.17	29.01	982.5	171	241	202	241	29	7
09:00	.39	29.03	983.1	226	215	240	213	27	9
10:00	.58	29.04	983.3	227	217	225	216	30	23
11:00	.70	29.02	982.9	207	204	212	207	49	39
12:00	.74	29.00	982.1	214	210	209	211	38	27
13:00	.71	28.98	981.4	235	237	239	237	33	28
14:00	.59	28.96	980.9	200	200	200	200	22	14
15:00	.39	28.96	980.8	246	235	251	238	27	21
16:00	.16	28.97	981.1	257	243	257	244	21	17
17:00	.01	28.98	981.3	196	221	201	217	16	12
18:00	.00	28.98	981.5	80	174	79	180	26	35
19:00	.00	28.99	981.8	334	97	294	97	63	18
20:00	.00	29.00	982.2	123	83	119	87	38	15
21:00	.00	29.01	982.4	122	56	138	58	44	19
22:00	.00	29.01	982.5	199	48	191	50	13	18
23:00	.00	29.01	982.6	216	48	224	50	44	10
Avg	.19	28.98	981.4	214	221	0	0	26	15
Max	.74	29.04	983.3	334	254	294	254	63	39
Hr. of Max	12	10	10	19	01	19	01	19	11
Min	.00	28.89	978.3	80	48	79	50	10	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	3.8	9.5	3.9	9.5	1.7	4.3	9.6	17.4	.00
01:00	4.1	11.2	4.3	11.3	1.9	5.1	8.5	16.9	.00
02:00	7.0	12.6	7.2	12.7	3.2	5.7	15.3	21.1	.00
03:00	5.8	11.8	6.0	11.8	2.7	5.3	11.2	16.3	.00
04:00	3.9	9.0	4.0	9.1	1.8	4.1	6.9	12.4	.00
05:00	3.5	9.4	3.6	9.4	1.6	4.2	7.3	12.8	.00
06:00	.8	7.2	1.1	7.2	.5	3.2	4.8	9.2	.00
07:00	.3	5.1	.3	5.1	.1	2.3	1.4	6.9	.00
08:00	.1	3.4	.2	3.4	.1	1.6	1.4	5.5	.00
09:00	.7	2.4	.8	2.4	.3	1.1	3.0	4.1	.00
10:00	1.8	2.8	2.4	3.2	1.1	1.4	6.4	7.1	.00
11:00	2.0	2.8	2.7	3.3	1.2	1.5	7.6	8.0	.00
12:00	2.6	3.9	3.3	4.4	1.5	2.0	8.0	9.2	.00
13:00	2.6	3.2	2.9	3.5	1.3	1.6	8.5	9.2	.00
14:00	3.7	5.1	3.9	5.2	1.8	2.4	9.2	10.1	.00
15:00	3.7	4.5	4.2	4.8	1.9	2.2	8.9	8.7	.00
16:00	2.5	3.4	2.9	3.7	1.3	1.7	5.7	6.9	.00
17:00	1.3	3.0	2.0	3.8	.9	1.7	4.4	6.2	.00
18:00	.9	1.3	1.3	1.8	.6	.8	3.0	5.0	.00
19:00	.1	1.3	1.2	1.4	.5	.6	4.6	4.6	.00
20:00	.5	1.5	.8	1.5	.4	.7	2.3	4.6	.00
21:00	.6	2.3	1.0	2.3	.5	1.1	2.5	4.4	.00
22:00	.1	1.3	.1	1.4	.1	.6	1.8	2.7	.00
23:00	.2	2.0	.5	2.1	.2	.9	1.6	3.9	.00
Avg	5.0	5.0	2.5	5.1	1.1	2.3	6.0	8.9	.00
Max	7.0	12.6	7.2	12.7	3.2	5.7	15.3	21.1	.00
Hr. of Max	02	02	02	02	02	02	02	02	23
Min	.1	1.3	.1	1.4	.1	.6	1.4	2.7	.00
Count	24	24	24	24	24	24	24	24	24
Total									