Date Printed: 12/02/2014 09:58

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

Daily Summary Report

Site: Tower "K" (1208)

11/29/2014

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	-1.5	.6	29.2	33.1	2.2	-4.7	23.6	79.8	3.5
01:00	-1.4	2.2	29.5	36.0	3.6	-5.2	22.7	75.9	3.3
02:00	-1.6	2.2	29.0	35.9	3.8	-5.2	22.6	76.9	3.3
03:00	-2.2	1.5	28.0	34.8	3.8	-4.7	23.6	83.9	3.5
04:00	-2.1	1.7	28.2	35.0	3.8	-4.1	24.7	86.8	3.6
05:00	-2.5	1.6	27.5	35.0	4.1	-4.2	24.5	88.6	3.6
06:00	-2.6	.8	27.3	33.5	3.4	-3.9	25.0	91.5	3.7
07:00	-2.7	.1	27.1	32.2	2.8	-3.5	25.7	94.9	3.8
08:00	-2.0	.5	28.4	32.9	2.5	-5.4	22.3	78.3	3.3
09:00	-.1	1.2	31.9	34.1	1.3	-5.3	22.5	68.3	3.3
10:00	2.8	2.1	37.1	35.8	-.7	-4.7	23.6	58.7	3.4
11:00	4.8	4.1	40.7	39.4	-.7	-3.8	25.2	54.3	3.6
12:00	5.9	5.3	42.7	41.5	-.7	-3.5	25.7	51.3	3.7
13:00	7.1	6.4	44.7	43.6	-.6	-3.5	25.7	47.5	3.7
14:00	8.2	7.5	46.7	45.5	-.7	-3.4	25.9	44.5	3.7
15:00	9.7	9.2	49.5	48.5	-.6	-2.3	27.9	43.4	4.0
16:00	10.8	10.4	51.4	50.7	-.4	-.8	30.5	45.0	4.4
17:00	10.6	10.4	51.1	50.7	-.2	.3	32.5	49.3	4.8
18:00	10.1	10.3	50.2	50.5	.2	1.0	33.8	53.7	5.0
19:00	9.7	10.0	49.5	50.1	.3	1.2	34.1	55.7	5.1
20:00	8.7	9.7	47.7	49.4	.9	1.5	34.8	61.2	5.3
21:00	8.2	9.2	46.8	48.6	1.0	2.3	36.1	66.9	5.6
22:00	7.9	8.9	46.3	48.1	1.0	1.9	35.5	66.4	5.4
23:00	8.0	8.9	46.4	48.1	.9	2.6	36.7	69.2	5.7
Avg	3.9	5.2	39.0	41.4	1.3	-2.4	27.7	66.3	4.1
Max	10.8	10.4	51.4	50.7	4.1	2.6	36.7	94.9	5.7
Hr. of Max	16	17	16	17	05	23	23	07	23
Min	-2.7	.1	27.1	32.2	-.7	-5.4	22.3	43.4	3.3
Count	24	24	24	24	24	24	24	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	0.0027	0.0034	4.3	5.5	2494938.9	.0	.00	.00	-3.7
01:00	0.0026	0.0035	4.2	5.5	2494621.6	.0	.00	.00	-3.8
02:00	0.0026	0.0034	4.1	5.4	2495168.2	.0	.00	.00	-3.8
03:00	0.0027	0.0033	4.3	5.2	2496604.6	.0	.00	.00	-3.8
04:00	0.0029	0.0033	4.5	5.2	2496260.1	.0	.00	.00	-3.8
05:00	0.0028	0.0032	4.5	5.1	2497158.2	.0	.00	.00	-3.9
06:00	0.0029	0.0032	4.6	5.0	2497479.8	.0	.00	.00	-3.9
07:00	0.003	0.0031	4.7	5.0	2497732.4	.0	.00	.00	21.2
08:00	0.0026	0.0033	4.1	5.3	2496062.9	.0	.00	.00	116.6
09:00	0.0026	0.0038	4.1	6.1	2491458.0	.0	.00	.00	128.2
10:00	0.0027	0.0047	4.3	7.5	2484590.3	.0	.00	.00	247.2
11:00	0.0029	0.0054	4.7	8.6	2479848.4	.0	.00	.00	106.3
12:00	0.003	0.0059	4.8	9.3	2477145.1	.0	.00	.00	133.0
13:00	0.003	0.0063	4.8	10.1	2474506.4	.0	.00	.00	97.1
14:00	0.003	0.0068	4.8	10.9	2471913.4	.0	.00	.00	173.5
15:00	0.0033	0.0076	5.2	12.1	2468158.7	.0	.00	.00	118.0
16:00	0.0037	0.0082	5.8	13.0	2465641.8	.0	.00	.00	28.1
17:00	0.004	0.0081	6.3	12.8	2466019.3	.0	.00	.00	-.9
18:00	0.0042	0.0078	6.6	12.4	2467290.3	.0	.00	.00	-3.3
19:00	0.0042	0.0076	6.7	12.1	2468154.4	.0	.00	.00	-3.3
20:00	0.0044	0.0071	6.9	11.3	2470532.5	.0	.00	.00	-3.4
21:00	0.0046	0.0069	7.2	10.9	2471750.7	.0	.00	.00	-3.5
22:00	0.0045	0.0067	7.1	10.7	2472392.8	.0	.00	.00	-3.5
23:00	0.0047	0.0068	7.4	10.8	2472231.6	.0	.00	.00	-3.4
Avg	0.0033	0.0054	5.3	8.6	2481985.9	.0	.00	.00	46.7
Max	0.0047	0.0082	7.4	13.0	2497732.4	.0	.00	.00	247.2
Hr. of Max	23	16	23	16	07	23	23	23	10
Min	0.0026	0.0031	4.1	5.0	2465641.8	.0	.00	.00	-3.9
Count	24	24	24	24	24	24	24	24	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	-.01	29.23	990.0	276	80	273	139	67	39
01:00	-.01	29.22	989.7	71	257	72	256	59	10
02:00	-.01	29.23	989.9	283	267	123	266	65	10
03:00	-.01	29.23	990.0	204	268	207	267	34	12
04:00	-.01	29.24	990.2	258	285	227	284	56	12
05:00	-.01	29.25	990.4	214	276	227	276	38	5
06:00	-.01	29.26	990.9	205	261	189	266	41	7
07:00	.03	29.26	991.0	213	193	86	197	50	14
08:00	.17	29.27	991.1	161	128	124	128	63	6
09:00	.18	29.26	990.8	254	160	252	156	45	8
10:00	.35	29.24	990.3	227	220	228	226	36	21
11:00	.15	29.21	989.3	241	243	244	243	22	12
12:00	.19	29.18	988.2	262	251	265	252	15	13
13:00	.14	29.15	987.3	270	262	269	262	16	12
14:00	.25	29.13	986.6	274	261	271	261	26	22
15:00	.17	29.12	986.0	240	235	238	230	20	13
16:00	.04	29.11	985.9	217	218	216	218	18	9
17:00	.00	29.11	986.0	237	232	238	232	15	7
18:00	.00	29.12	986.0	255	246	256	246	10	5
19:00	.00	29.11	985.9	238	241	238	241	10	4
20:00	.00	29.12	986.0	251	239	246	239	12	4
21:00	.00	29.13	986.5	238	254	236	254	20	4
22:00	.00	29.13	986.6	255	261	262	261	15	4
23:00	.00	29.13	986.6	271	275	271	275	18	5
Avg	.07	29.19	988.4	242	244	0	0	32	11
Max	.35	29.27	991.1	283	285	273	284	67	39
Hr. of Max	10	08	08	02	04	00	04	00	00
Min	-.01	29.11	985.9	71	80	72	128	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
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.5	.1	.7	.5	.3	.3	2.1	3.0
01:00	.3	3.9	.7	4.0	.3	1.8	2.3	7.3
02:00	.1	3.6	.7	3.6	.3	1.6	2.7	6.9
03:00	.7	1.9	1.0	1.9	.4	.9	2.1	4.1
04:00	.2	3.4	.7	3.4	.3	1.6	2.3	5.0
05:00	.3	4.8	.5	4.8	.2	2.2	1.8	6.4
06:00	.3	3.9	.6	3.9	.3	1.8	1.6	6.9
07:00	.2	2.0	.4	2.1	.2	1.0	2.5	3.7
08:00	.3	3.1	.5	3.0	.2	1.4	2.3	5.3
09:00	.4	1.8	.5	1.8	.2	.8	2.1	4.6
10:00	1.6	2.4	1.9	2.5	.9	1.2	7.8	10.5
11:00	3.5	5.0	3.8	5.0	1.7	2.3	8.7	10.5
12:00	3.7	4.3	3.8	4.4	1.7	2.0	7.6	9.4
13:00	3.9	4.8	4.1	4.9	1.8	2.2	8.7	9.4
14:00	2.4	3.3	2.7	3.4	1.2	1.5	6.2	7.1
15:00	2.7	4.9	2.9	5.0	1.3	2.3	8.5	13.7
16:00	4.9	9.4	5.2	9.4	2.3	4.2	12.8	17.4
17:00	5.3	9.9	5.5	9.9	2.5	4.5	12.1	16.0
18:00	4.3	9.3	4.3	9.3	1.9	4.2	7.3	13.3
19:00	2.3	7.3	2.4	7.3	1.1	3.3	4.6	10.1
20:00	1.4	8.0	1.8	8.0	.8	3.6	3.9	10.5
21:00	.6	6.7	.7	6.7	.3	3.0	2.3	9.8
22:00	1.2	6.4	1.5	6.4	.7	2.9	3.4	8.9
23:00	2.2	8.3	2.4	8.3	1.1	3.7	5.7	13.5
Avg	1.8	1.8	2.1	4.9	.9	2.3	5.1	8.9
Max	5.3	9.9	5.5	9.9	2.5	4.5	12.8	17.4
Hr. of Max	17	17	17	17	17	17	16	16
Min	.1	.1	.4	.5	.2	.3	1.6	3.0
Count	24	24	24	24	24	24	24	24
Total								