Date Printed: 01/29/2017 06:22

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

Daily Summary Report

Site: Tower "K" (1208)

1/27/2017

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	3.7	3.3	38.7	37.9	-.5	-2.5	27.5	64.2	4.0
01:00	3.4	2.9	38.0	37.3	-.4	-2.4	27.6	66.2	4.0
02:00	3.2	2.8	37.8	37.0	-.4	-2.4	27.6	66.9	4.0
03:00	3.1	2.7	37.6	36.8	-.4	-2.4	27.7	67.8	4.0
04:00	3.0	2.6	37.5	36.6	-.5	-2.6	27.2	66.7	4.0
05:00	2.6	2.1	36.6	35.8	-.5	-2.9	26.7	67.5	3.9
06:00	2.2	1.7	35.9	35.1	-.5	-3.6	25.5	65.9	3.7
07:00	2.2	1.7	35.9	35.1	-.5	-4.2	24.5	63.2	3.5
08:00	2.3	1.8	36.1	35.2	-.5	-4.1	24.6	63.3	3.6
09:00	2.2	1.7	35.9	35.0	-.5	-3.6	25.5	66.1	3.7
10:00	1.7	1.1	35.0	34.0	-.6	-3.0	26.5	71.4	3.9
11:00	1.7	1.1	35.1	34.1	-.6	-3.7	25.4	67.7	3.7
12:00	1.5	.9	34.7	33.5	-.7	-3.8	25.2	68.4	3.7
13:00	1.7	1.1	35.1	33.9	-.7	-4.9	23.1	61.7	3.4
14:00	2.2	1.5	36.0	34.7	-.7	-6.7	19.9	52.1	2.9
15:00	2.3	1.7	36.2	35.0	-.6	-6.9	19.7	51.2	2.9
16:00	2.1	1.5	35.8	34.7	-.6	-6.6	20.1	52.9	3.0
17:00	2.1	1.6	35.9	34.9	-.5	-6.7	20.0	52.5	2.9
18:00	1.8	1.5	35.2	34.7	-.3	-6.0	21.2	56.8	3.1
19:00	1.1	1.3	34.0	34.4	.2	-5.7	21.8	61.0	3.2
20:00	-.1	.9	31.9	33.7	1.0	-5.4	22.3	67.9	3.3
21:00	-.1	.2	31.8	32.4	.4	-4.5	23.8	72.6	3.5
22:00	-.1	.2	31.9	32.4	.3	-4.3	24.2	73.5	3.5
23:00	.1	.5	32.1	32.8	.4	-4.1	24.6	74.0	3.6
Avg	1.9	1.6	35.4	34.9	-.3	-4.3	24.3	64.2	3.5
Max	3.7	3.3	38.7	37.9	1.0	-2.4	27.7	74.0	4.0
Hr. of Max	00	00	00	00	20	03	03	23	04
Min	-.1	.2	31.8	32.4	-.7	-6.9	19.7	51.2	2.9
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0032	0.005	5.1	8.0	2482394.8	.0	.00	.00	-3.7
01:00	0.0032	0.0049	5.1	7.8	2483292.5	.0	.00	.00	-3.7
02:00	0.0033	0.0049	5.1	7.7	2483633.8	.0	.00	.00	-3.7
03:00	0.0033	0.0048	5.2	7.6	2483911.3	.0	.00	.00	-3.8
04:00	0.0032	0.0048	5.0	7.6	2484026.2	.0	.00	.00	-3.7
05:00	0.0031	0.0046	4.9	7.4	2485155.3	.0	.00	.00	-3.8
06:00	0.003	0.0045	4.7	7.1	2486091.3	.0	.00	.00	-3.8
07:00	0.0029	0.0045	4.5	7.2	2486070.3	.0	.00	.00	-3.6
08:00	0.0029	0.0045	4.5	7.2	2485901.3	.0	.00	.00	4.7
09:00	0.003	0.0045	4.7	7.2	2486063.3	.0	.00	.00	13.5
10:00	0.0031	0.0043	4.9	6.9	2487324.4	.0	.00	.00	51.7
11:00	0.003	0.0044	4.7	6.9	2487115.1	.0	.00	.00	76.8
12:00	0.0029	0.0043	4.6	6.8	2487643.6	.0	.00	.00	116.1
13:00	0.0027	0.0044	4.3	6.9	2487162.8	.0	.00	.00	140.1
14:00	0.0024	0.0045	3.7	7.2	2486049.9	.0	.00	.00	135.5
15:00	0.0023	0.0046	3.7	7.2	2485774.5	.0	.00	.00	102.5
16:00	0.0024	0.0045	3.7	7.1	2486246.6	.0	.00	.00	68.7
17:00	0.0024	0.0045	3.7	7.1	2486178.0	.0	.00	.00	19.7
18:00	0.0025	0.0044	3.9	7.0	2487024.1	.0	.00	.00	-3.4
19:00	0.0025	0.0042	4.0	6.6	2488678.9	.0	.00	.00	-4.0
20:00	0.0026	0.0038	4.1	6.1	2491424.1	.0	.00	.00	-3.9
21:00	0.0028	0.0038	4.4	6.1	2491570.0	.0	.00	.00	-3.8
22:00	0.0028	0.0038	4.4	6.1	2491446.3	.0	.00	.00	-3.9
23:00	0.0029	0.0039	4.5	6.1	2491140.4	.0	.00	.00	-3.9
Avg	0.0029	0.0044	4.5	7.0	2486721.6	.0	.00	.00	28.2
Max	0.0033	0.005	5.2	8.0	2491570.0	.0	.00	.00	140.1
Hr. of Max	03	00	03	00	21	23	23	23	13
Min	0.0023	0.0038	3.7	6.1	2482394.8	.0	.00	.00	-4.0
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	29.11	985.7	318	300	313	300	21	10
01:00	-.01	29.11	985.7	332	302	327	303	18	10
02:00	-.01	29.10	985.4	317	293	310	293	23	12
03:00	-.01	29.09	985.1	317	293	311	293	22	10
04:00	-.01	29.08	984.8	295	283	290	284	19	10
05:00	-.01	29.08	984.6	304	290	300	290	19	10
06:00	-.01	29.08	984.8	298	286	294	286	20	10
07:00	-.01	29.09	985.1	275	266	273	267	16	11
08:00	.01	29.10	985.3	256	254	257	254	15	10
09:00	.02	29.10	985.6	276	268	273	269	16	11
10:00	.07	29.12	986.0	317	299	308	298	24	12
11:00	.11	29.12	986.1	292	281	283	283	21	13
12:00	.17	29.11	985.7	316	301	311	301	22	12
13:00	.20	29.09	985.0	296	284	290	284	22	14
14:00	.19	29.07	984.6	293	282	284	283	25	15
15:00	.15	29.08	984.7	287	279	281	279	22	13
16:00	.10	29.08	985.0	280	271	274	271	18	9
17:00	.03	29.10	985.4	263	257	264	257	15	9
18:00	.00	29.09	985.2	222	239	244	243	20	7
19:00	-.01	29.09	985.2	85	208	112	207	31	7
20:00	-.01	29.09	985.1	99	158	111	157	40	7
21:00	-.01	29.08	984.8	352	205	351	185	7	19
22:00	-.01	29.07	984.4	14	280	19	287	15	16
23:00	-.01	29.06	984.2	57	293	67	294	35	12
Avg	.04	29.09	985.1	305	273	0	0	21	11
Max	.20	29.12	986.1	352	302	351	303	40	19
Hr. of Max	13	11	11	21	01	21	01	20	21
Min	-.01	29.06	984.2	14	158	19	157	7	7
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	3.1	9.1	3.3	9.3	1.5	4.2	9.6	14.2
01:00	1.6	6.0	1.7	6.0	.7	2.7	5.7	11.4
02:00	1.8	5.0	1.9	5.0	.9	2.3	5.7	10.1
03:00	1.8	5.4	1.9	5.5	.9	2.5	6.2	8.2
04:00	4.6	9.4	4.9	9.6	2.2	4.3	11.7	16.5
05:00	5.0	12.0	5.3	12.2	2.4	5.5	16.3	19.0
06:00	5.0	11.0	5.3	11.2	2.4	5.0	12.8	19.9
07:00	6.4	8.7	6.6	8.9	3.0	4.0	14.4	16.7
08:00	7.1	9.7	7.4	9.8	3.3	4.4	13.1	16.0
09:00	6.7	10.1	7.1	10.6	3.2	4.7	14.7	18.5
10:00	3.3	9.0	3.6	9.3	1.6	4.2	12.4	16.0
11:00	6.1	11.0	6.9	11.9	3.1	5.3	17.6	21.3
12:00	3.9	11.6	4.2	11.8	1.9	5.3	16.0	20.6
13:00	6.0	11.9	6.6	12.3	2.9	5.5	15.3	20.8
14:00	6.5	11.5	7.1	12.1	3.2	5.4	16.0	19.0
15:00	7.3	12.3	7.8	12.6	3.5	5.7	19.0	20.2
16:00	7.3	11.8	7.8	12.3	3.5	5.5	16.3	20.6
17:00	9.1	12.7	9.6	13.0	4.3	5.8	20.2	22.0
18:00	2.7	5.5	3.1	5.6	1.4	2.5	9.2	11.7
19:00	.6	2.1	.7	2.1	.3	1.0	2.3	3.4
20:00	.4	3.6	.6	3.6	.3	1.6	1.8	5.7
21:00	.1	1.7	.1	2.0	.1	.9	1.1	4.6
22:00	.4	1.7	.4	1.8	.2	.8	2.3	4.4
23:00	.2	2.3	.3	2.5	.1	1.1	2.3	4.4
Avg	6.6	6.6	4.3	8.3	2.0	3.8	10.9	14.4
Max	9.1	12.7	9.6	13.0	4.3	5.8	20.2	22.0
Hr. of Max	17	17	17	17	17	17	17	17
Min	.1	1.7	.1	1.8	.1	.8	1.1	3.4
Count	24	24	24	24	24	24	24	24
Total								