Date Printed: 01/10/2017 06:56

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

Daily Summary Report

Site: Tower "K" (1208)

1/9/2017

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	-7.2	-6.4	19.1	20.4	.7	-11.6	11.2	71.4	2.1
01:00	-7.3	-6.6	18.8	20.2	.8	-11.0	12.3	75.5	2.2
02:00	-6.9	-6.6	19.6	20.0	.2	-11.1	11.9	71.9	2.1
03:00	-6.7	-6.6	19.9	20.2	.2	-10.8	12.6	73.3	2.2
04:00	-6.5	-6.5	20.2	20.3	.0	-11.0	12.2	70.8	2.1
05:00	-6.4	-6.5	20.4	20.3	-.1	-10.9	12.3	70.7	2.2
06:00	-6.3	-6.4	20.7	20.4	-.2	-11.1	12.1	69.1	2.1
07:00	-6.4	-6.5	20.5	20.2	-.1	-11.3	11.7	68.5	2.1
08:00	-6.2	-6.2	20.9	20.9	.0	-12.2	10.0	62.8	2.0
09:00	-5.0	-5.3	23.1	22.5	-.3	-15.3	4.5	44.6	1.5
10:00	-2.3	-3.0	27.9	26.7	-.7	-14.1	6.7	40.5	1.7
11:00	-.5	-1.3	31.1	29.7	-.8	-13.8	7.1	36.1	1.7
12:00	1.8	.7	35.2	33.2	-1.1	-13.3	8.1	32.2	1.8
13:00	3.4	2.2	38.2	36.0	-1.2	-13.9	7.0	27.3	1.7
14:00	4.6	3.4	40.3	38.1	-1.3	-14.2	6.4	24.4	1.6
15:00	4.9	3.9	40.8	39.1	-.9	-14.2	6.4	24.1	1.6
16:00	4.4	3.8	39.9	38.9	-.6	-13.3	8.0	26.7	1.7
17:00	3.8	3.5	38.8	38.3	-.3	-12.7	9.2	29.3	1.8
18:00	3.0	3.2	37.4	37.7	.1	-12.5	9.5	31.4	1.9
19:00	2.5	2.8	36.4	37.0	.3	-12.0	10.5	34.1	1.9
20:00	2.5	2.7	36.5	36.8	.1	-11.9	10.6	34.0	2.0
21:00	2.4	2.6	36.3	36.6	.2	-11.4	11.5	35.7	2.0
22:00	2.2	2.4	36.0	36.2	.1	-11.4	11.4	36.1	2.0
23:00	1.8	2.4	35.3	36.3	.5	-10.7	12.8	39.5	2.2
Avg	-1.3	-1.4	29.7	29.4	-.2	-12.3	9.8	47.1	1.9
Max	4.9	3.9	40.8	39.1	.8	-10.7	12.8	75.5	2.2
Hr. of Max	15	15	15	15	01	23	23	01	23
Min	-7.3	-6.6	18.8	20.0	-1.3	-15.3	4.5	24.1	1.5
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	0.0016	0.0022	2.5	3.6	2508314.4	.0	.00	.00	-4.2
01:00	0.0016	0.0022	2.6	3.5	2508646.5	.0	.00	.00	-4.2
02:00	0.0016	0.0023	2.6	3.6	2507571.9	.0	.00	.00	-4.1
03:00	0.0017	0.0023	2.7	3.7	2507249.9	.0	.00	.00	-4.1
04:00	0.0016	0.0023	2.6	3.7	2506802.3	.0	.00	.00	-4.0
05:00	0.0017	0.0023	2.7	3.8	2506514.7	.0	.00	.00	-4.1
06:00	0.0016	0.0024	2.6	3.8	2506155.8	.0	.00	.00	-4.0
07:00	0.0016	0.0023	2.6	3.8	2506450.8	.0	.00	.00	-2.3
08:00	0.0015	0.0024	2.4	3.9	2505893.2	.0	.00	.00	84.1
09:00	0.0012	0.0026	1.9	4.2	2503046.7	.0	.00	.00	255.8
10:00	0.0013	0.0032	2.1	5.2	2496705.0	.0	.00	.00	411.8
11:00	0.0013	0.0037	2.1	5.9	2492419.6	.0	.00	.00	516.2
12:00	0.0014	0.0043	2.2	7.0	2487037.5	.0	.00	.00	558.9
13:00	0.0013	0.0049	2.1	7.8	2483085.4	.0	.00	.00	537.3
14:00	0.0013	0.0053	2.1	8.5	2480254.6	.0	.00	.00	411.2
15:00	0.0013	0.0054	2.1	8.7	2479692.5	.0	.00	.00	243.6
16:00	0.0014	0.0052	2.2	8.4	2480846.5	.0	.00	.00	95.3
17:00	0.0015	0.005	2.3	8.0	2482242.5	.0	.00	.00	16.8
18:00	0.0015	0.0047	2.4	7.6	2484099.8	.0	.00	.00	-3.8
19:00	0.0015	0.0045	2.5	7.3	2485423.5	.0	.00	.00	-3.8
20:00	0.0016	0.0046	2.5	7.3	2485292.1	.0	.00	.00	-3.7
21:00	0.0016	0.0045	2.6	7.3	2485531.2	.0	.00	.00	-3.7
22:00	0.0016	0.0045	2.6	7.2	2485941.2	.0	.00	.00	-3.4
23:00	0.0017	0.0043	2.7	7.0	2486892.6	.0	.00	.00	-3.6
Avg	0.0015	0.0036	2.4	5.9	2494254.6	.0	.00	.00	128.3
Max	0.0017	0.0054	2.7	8.7	2508646.5	.0	.00	.00	558.9
Hr. of Max	23	15	23	15	01	23	23	23	12
Min	0.0012	0.0022	1.9	3.5	2479692.5	.0	.00	.00	-4.2
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	-.01	29.66	1004.5	71	65	69	70	53	29
01:00	-.01	29.66	1004.3	60	60	68	62	29	7
02:00	-.01	29.66	1004.3	47	54	75	54	48	9
03:00	-.01	29.66	1004.5	42	60	64	63	20	7
04:00	-.01	29.66	1004.5	49	55	60	56	22	6
05:00	-.01	29.66	1004.4	45	63	67	64	24	10
06:00	-.01	29.65	1004.2	38	329	47	31	7	17
07:00	.00	29.65	1004.1	37	282	35	267	11	9
08:00	.12	29.65	1004.2	27	283	47	282	21	1
09:00	.37	29.67	1004.7	277	246	223	217	61	32
10:00	.59	29.68	1005.1	220	224	219	223	23	15
11:00	.74	29.67	1004.8	226	226	226	225	23	14
12:00	.80	29.61	1002.9	226	225	227	224	22	12
13:00	.77	29.57	1001.4	225	222	223	221	19	12
14:00	.59	29.54	1000.4	197	201	196	201	22	14
15:00	.35	29.54	1000.4	205	209	204	209	19	11
16:00	.14	29.54	1000.5	221	221	220	221	19	9
17:00	.02	29.53	1000.2	200	209	200	209	15	8
18:00	-.01	29.53	1000.0	187	200	179	200	47	8
19:00	-.01	29.52	999.8	273	211	223	209	22	7
20:00	-.01	29.53	999.9	40	185	172	184	68	15
21:00	-.01	29.52	999.6	215	189	201	187	33	13
22:00	.00	29.51	999.2	312	242	306	243	25	11
23:00	-.01	29.49	998.8	246	234	187	234	56	5
Avg	.18	29.60	1002.4	243	219	0	0	30	12
Max	.80	29.68	1005.1	312	329	306	282	68	32
Hr. of Max	12	10	10	22	06	22	08	20	09
Min	-.01	29.49	998.8	27	54	35	31	7	1
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	.9	5.5	1.8	5.6	.8	2.5	6.4	9.4
01:00	1.1	5.6	1.3	5.6	.6	2.5	4.8	8.5
02:00	.4	4.5	.6	4.5	.3	2.0	2.5	7.1
03:00	.6	4.6	.8	4.7	.3	2.1	2.5	6.6
04:00	.8	5.2	.9	5.2	.4	2.4	3.7	8.2
05:00	.6	3.5	.7	3.5	.3	1.6	3.4	7.1
06:00	.1	.4	.1	.5	.1	.2	1.1	2.5
07:00	.6	.0	.6	.0	.3	.0	2.3	.7
08:00	.1	.2	.1	.1	.1	.1	1.4	.9
09:00	.7	1.2	1.0	1.3	.5	.6	4.6	6.4
10:00	5.1	8.1	5.5	8.3	2.5	3.7	12.8	15.8
11:00	5.6	8.9	6.0	9.1	2.7	4.1	14.0	16.5
12:00	7.5	12.2	8.1	12.4	3.6	5.6	18.5	24.3
13:00	8.6	14.3	9.1	14.5	4.1	6.5	20.6	24.5
14:00	7.8	12.8	8.3	13.1	3.7	5.9	17.4	21.3
15:00	7.8	13.5	8.4	13.8	3.7	6.2	17.6	19.5
16:00	6.4	12.9	6.8	13.0	3.1	5.8	15.8	20.6
17:00	4.3	8.6	4.4	8.6	2.0	3.9	10.3	14.7
18:00	2.2	7.5	2.5	7.5	1.1	3.4	7.3	10.5
19:00	.9	6.4	1.5	6.5	.7	2.9	6.6	11.0
20:00	.5	5.6	.9	5.8	.4	2.6	4.1	12.1
21:00	1.6	7.0	2.1	7.2	.9	3.2	8.5	15.3
22:00	1.1	4.3	1.3	4.5	.6	2.0	3.7	8.0
23:00	.5	4.8	.7	4.8	.3	2.2	2.3	6.9
Avg	2.7	2.7	3.1	6.6	1.4	3.0	8.0	11.6
Max	8.6	14.3	9.1	14.5	4.1	6.5	20.6	24.5
Hr. of Max	13	13	13	13	13	13	13	13
Min	.1	.0	.1	.0	.1	.0	1.1	.7
Count	24	24	24	24	24	24	24	24
Total								