Date Printed: 02/15/2017 03:28

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

Daily Summary Report

Site: Tower "K" (1208)

1/31/2017

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	.9	5.2	33.7	41.4	4.3	-2.9	26.8	76.4	3.9
01:00	.8	4.3	33.5	39.7	3.4	-2.0	28.4	81.8	4.2
02:00	.5	3.8	32.8	38.9	3.4	-2.2	28.1	82.9	4.1
03:00	.2	3.4	32.4	38.1	3.2	-1.8	28.7	86.8	4.2
04:00	.2	3.1	32.4	37.6	2.9	-1.4	29.4	89.1	4.4
05:00	1.0	2.9	33.7	37.3	2.0	-.5	31.0	90.2	4.6
06:00	2.4	4.0	36.2	39.1	1.6	.0	32.0	85.2	4.8
07:00	2.6	4.2	36.6	39.6	1.7	.0	32.1	84.1	4.8
08:00	3.4	4.3	38.2	39.7	.9	-.5	31.1	76.1	4.6
09:00	5.4	5.3	41.7	41.6	.0	-1.7	28.9	60.7	4.2
10:00	8.2	7.7	46.7	45.8	-.5	.5 -	32.9 -	59.1	4.9 -
11:00	10.5	9.7	50.9	49.5	-.7	.3	32.5	50.0	4.8
12:00	12.9	12.0	55.3	53.7	-.9	.2	32.3	42.3	4.7
13:00	16.0	14.6	60.8	58.3	-1.4	-2.7	27.2	28.5	3.8
14:00	17.3	16.0	63.2	60.8	-1.4	-4.3	24.3	23.1	3.4
15:00	18.3	17.0	64.9	62.7	-1.2	-5.9	21.4	19.4	3.0
16:00	18.5	17.5	65.3	63.5	-1.0	-6.8	19.8	17.8	2.8
17:00	17.9	17.4	64.2	63.3	-.5	-5.0	23.0	21.1	3.2
18:00	16.3	16.7	61.3	62.1	.4	-3.1	26.5	27.0	3.7
19:00	14.8	16.3	58.7	61.3	1.5	-3.5	25.7	28.6	3.6
20:00	13.2	15.3	55.7	59.5	2.1	-3.6	25.5	31.5	3.6
21:00	10.3	14.2	50.5	57.5	3.9	-3.2	26.3	39.4	3.7
22:00	8.1	13.3	46.5	56.0	5.2	.2	32.4	58.6	4.8
23:00	7.5	10.9	45.5	51.6	3.4	1.2	34.2	65.1	5.2
Avg	8.6	10.0	47.5	49.9	1.3	-2.0	28.4	55.2	4.1
Max	18.5	17.5	65.3	63.5	5.2	1.2	34.2	90.2	5.2
Hr. of Max	16	16	16	16	22	23	23	05	23
Min	.2	2.9	32.4	37.3	-1.4	-6.8	19.8	17.8	2.8
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	0.0031	0.0041	5.0	6.6	2489038.1	.0	.00	.00	-4.0
01:00	0.0034	0.0041	5.3	6.5	2489285.4	.0	.00	.00	-3.9
02:00	0.0033	0.004	5.2	6.3	2490166.1	.0	.00	.00	-4.0
03:00	0.0034	0.0039	5.4	6.2	2490787.5	.0	.00	.00	-4.0
04:00	0.0035	0.0039	5.5	6.2	2490684.8	.0	.00	.00	-4.0
05:00	0.0037	0.0042	5.9	6.6	2488981.1	.0	.00	.00	-4.0
06:00	0.0039	0.0046	6.2	7.3	2485672.5	.0	.00	.00	-3.8
07:00	0.0039	0.0046	6.1	7.3	2485185.5	.0	.00	.00	.9
08:00	0.0038	0.0049	5.9	7.8	2483116.9	.0	.00	.00	91.0
09:00	0.0034	0.0057	5.4	9.0	2478494.4	.0	.00	.00	283.7
10:00	0.0041 -	0.0069 -	6.4 -	10.9	2471817.3	.0	.00	.00	287.1
11:00	0.004	0.008	6.3	12.7	2466386.3	.0	.00	.00	486.2
12:00	0.004	0.0094	6.2	14.9	2460591.3	.0	.00	.00	500.0
13:00	0.0033	0.0115	5.1	18.2	2453346.1	.0	.00	.00	583.8
14:00	0.0029	0.0126	4.6	19.8	2450095.4	.0	.00	.00	514.2
15:00	0.0026	0.0133	4.1	21.0	2447910.9	.0	.00	.00	406.9
16:00	0.0024	0.0135	3.8	21.4	2447292.1	.0	.00	.00	234.1
17:00	0.0027	0.013	4.3	20.5	2448794.8	.0	.00	.00	69.5
18:00	0.0032	0.0117	5.0	18.6	2452585.3	.0	.00	.00	-1.8
19:00	0.0031	0.0107	4.8	16.9	2456099.2	.0	.00	.00	-3.1
20:00	0.003	0.0096	4.7	15.2	2459969.9	.0	.00	.00	-3.4
21:00	0.0031	0.0079	4.9	12.6	2466827.5	.0	.00	.00	-3.4
22:00	0.004	0.0068	6.3	10.8	2472125.9	.0	.00	.00	-3.5
23:00	0.0043	0.0066	6.7	10.4	2473467.7	.0	.00	.00	-3.6
Avg	0.0034	0.0077	5.4	12.2	2470780.1	.0	.00	.00	142.1
Max	0.0043	0.0135	6.7	21.4	2490787.5	.0	.00	.00	583.8
Hr. of Max	23	16	23	16	03	23	23	23	13
Min	0.0024	0.0039	3.8	6.2	2447292.1	.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	29.05	983.7	228	253	207	253	61	4
01:00	-.01	29.04	983.3	15	260	16	257	18	6
02:00	-.01	29.03	983.1	45	266	71	266	58	9
03:00	-.01	29.01	982.6	64	255	74	252	33	10
04:00	-.01	29.00	982.2	48	260	64	259	22	9
05:00	-.01	29.00	982.0	67	252	110	245	54	14
06:00	-.01	29.01	982.4	323	270	319	270	44	17
07:00	.00	29.03	983.0	191	235	187	236	30	4
08:00	.13	29.04	983.6	157	235	162	235	23	5
09:00	.41	29.07	984.3	189	229	193	228	21	7
10:00	.41	29.08 -	984.7 -	241	235	244	235	15	8
11:00	.70	29.07	984.5	234	229	235	228	18	11
12:00	.72	29.05	983.7	238	228	240	228	20	12
13:00	.84	29.01	982.4	212	214	212	215	20	10
14:00	.74	28.99	981.7	216	217	216	216	20	11
15:00	.58	28.98	981.6	227	225	229	225	21	13
16:00	.34	28.99	981.9	221	222	222	222	20	11
17:00	.10	29.01	982.6	227	227	226	227	17	7
18:00	.00	29.04	983.5	248	249	249	249	14	5
19:00	.00	29.06	984.0	228	261	229	261	18	3
20:00	.00	29.06	984.1	80	268	155	271	48	9
21:00	.00	29.06	984.1	64	281	129	274	39	19
22:00	.00	29.05	983.8	291	206	246	192	51	23
23:00	-.01	29.05	983.7	33	304	78	316	45	19
Avg	.20	29.03	983.2	221	245	0	0	30	10
Max	.84	29.08	984.7	323	304	319	316	61	23
Hr. of Max	13	10	10	06	23	06	23	00	22
Min	-.01	28.98	981.6	15	206	16	192	14	3
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	5.2	.9	5.2	.4	2.4	2.3	7.1
01:00	.2	4.3	.3	4.4	.1	2.0	1.8	6.4
02:00	.0	3.1	.1	3.2	.1	1.4	1.6	8.5
03:00	.7	4.0	.8	4.1	.4	1.8	2.3	8.9
04:00	.4	3.4	.5	3.4	.2	1.6	2.5	6.4
05:00	.5	4.2	.9	4.5	.4	2.0	4.8	10.3
06:00	1.1	8.7	2.0	9.1	.9	4.1	4.6	14.2
07:00	1.8	9.4	1.9	9.4	.8	4.2	5.3	12.4
08:00	1.5	6.4	1.6	6.3	.7	2.9	3.2	10.3
09:00	2.3	7.3	2.6	7.3	1.2	3.3	6.6	12.8
10:00	6.2	9.8	6.5	9.9	2.9	4.4	12.1	16.0
11:00	6.2	8.6	6.7	8.8	3.0	3.9	14.9	16.9
12:00	7.1	10.3	7.6	10.5	3.4	4.7	17.4	19.2
13:00	8.5	14.6	9.1	14.8	4.1	6.6	19.5	23.8
14:00	9.0	15.7	9.7	16.0	4.3	7.2	19.9	24.0
15:00	7.7	12.8	8.4	13.1	3.7	5.9	21.3	22.0
16:00	7.5	13.0	8.0	13.1	3.6	5.9	19.5	21.8
17:00	5.0	10.7	5.2	10.8	2.3	4.8	12.6	16.5
18:00	2.8	8.5	2.9	8.6	1.3	3.9	6.2	12.8
19:00	1.9	9.4	2.1	9.3	.9	4.2	4.6	12.6
20:00	.3	5.3	.5	5.3	.2	2.4	2.5	10.3
21:00	.6	.7	1.0	.8	.4	.4	3.7	3.2
22:00	.7	2.2	.8	2.2	.4	1.0	2.5	4.4
23:00	.2	.7	.4	.9	.2	.4	2.5	4.6
Avg	4.0	4.0	3.4	7.5	1.5	3.4	8.1	12.7
Max	9.0	15.7	9.7	16.0	4.3	7.2	21.3	24.0
Hr. of Max	14	14	14	14	14	14	15	14
Min	.0	.7	.1	.8	.1	.4	1.6	3.2
Count	24	24	24	24	24	24	24	24
Total								