Date Printed: 01/23/2017 11:44

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

Daily Summary Report

Site: Tower "K" (1208)

1/21/2017

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	11.0	14.9	51.9	58.8	3.8	10.5	50.8	97.5	9.7
01:00	10.5	14.1	50.9	57.4	3.6	10.0	49.9	97.6	9.4
02:00	10.2	13.4	50.4	56.1	3.2	9.7	49.5	97.7	9.2
03:00	9.9	13.3	49.8	55.9	3.4	9.4	48.9	97.8	9.0
04:00	9.3	13.1	48.8	55.7	3.8	8.8	47.9	97.8	8.7
05:00	9.5	12.4	49.1	54.4	2.9	9.0	48.2	97.8	8.8
06:00	10.1	13.1	50.2	55.5	3.0	9.6	49.2	97.6	9.1
07:00	10.4 P	13.5 P	50.6 P	56.4 P	3.2 P	P	P	97.4 P	
08:00									
09:00	10.4 P	13.5 P	50.6 P	56.4 P	3.2 P	P	P	97.4 P	9.3 P
10:00	12.6 P	12.6 P	54.6 P	54.7 P	.0 P	11.8 P	53.3 P	96.6 P	10.5 P
11:00	12.3	12.2	54.1	53.9	-.1	11.6	52.9	97.1	10.4
12:00	12.5	12.4	54.4	54.3	-.1	11.9	53.4	97.5	10.6
13:00	12.4	12.1	54.3	53.7	-.4	11.9	53.4	97.8	10.6
14:00	13.6	12.9	56.5	55.3	-.7	10.8	51.5	85.7	9.9
15:00	15.3	14.8	59.6	58.6	-.6	6.3	43.4	55.8	7.2
16:00	16.3	15.7	61.3	60.2	-.6	7.7	45.8	57.9	7.9
17:00	15.9	15.5	60.6	59.9	-.4	8.9	47.9	64.2	8.6
18:00	14.7	15.0	58.5	59.0	.2	10.8	51.5	78.7	9.8
19:00	13.8	14.5	56.9	58.2	.7	11.3	52.4	86.2	10.2
20:00	12.6	13.7	54.6	56.7	1.2	11.1	52.0	92.2	10.1
21:00	11.1	13.0	52.0	55.4	1.9	10.5	50.9	97.3	9.7
22:00	10.8	12.9	51.4	55.1	2.1	10.2	50.4	97.3	9.5
23:00	10.7	12.1	51.2	53.7	1.4	10.1	50.1	97.4	9.4
Avg	12.0	13.5	53.6	56.3	1.5	10.1	50.2	90.4	9.4
Max	16.3	15.7	61.3	60.2	3.8	11.9	53.4	97.8	10.6
Hr. of Max	16	16	16	16	04	13	13	13	13
Min	9.3	12.1	48.8	53.7	-.7	6.3	43.4	55.8	7.2
Count	23	23	23	23	23	21	21	23	22
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	0.0082	0.0084	12.7	13.2	2465032.5	.0	.00	.00	-3.2
01:00	0.0079	0.0081	12.3	12.7	2466313.6	.0	.00	.00	-3.4
02:00	0.0078	0.0079	12.1	12.5	2466959.1	.0	.00	.00	-3.2
03:00	0.0076	0.0078	11.8	12.2	2467789.4	.0	.00	.00	-3.4
04:00	0.0073	0.0075	11.3	11.7	2469164.0	.0	.00	.00	-3.2
05:00	0.0074	0.0076	11.5	11.9	2468700.9	.0	.00	.00	-3.1
06:00	0.0077	0.0079	11.9	12.4	2467252.5	.0	.00	.00	-3.0
07:00	0.0078 P	0.008 P	12.1 P	12.6 P	2466690.0 P	.0	.00	<	-2.5 P
08:00						.0	.00		
09:00	0.0078 P	0.008 P	12.1 P	12.6 P	2466689.9 P	.0	.00	<	-2.5 P
10:00	0.009 P	0.0093 P	13.9 P	14.6 P	2461446.1 P	.0	.00	<	27.1 P
11:00	0.0088	0.0091	13.7	14.3	2462118.6	.0	.00	.00	38.1
12:00	0.009	0.0092	13.9	14.5	2461658.7	1.5	.06	.06	48.4
13:00	0.009	0.0092	13.9	14.4	2461787.8	.5	.02	.02	107.3
14:00	0.0085	0.01	13.1	15.6	2459012.0	.0	.00	.00	340.0
15:00	0.0062	0.0112	9.6	17.5	2454827.6	.0	.00	.00	365.8
16:00	0.0069	0.0119	10.6	18.6	2452603.8	.0	.00	.00	175.3
17:00	0.0074	0.0116	11.5	18.1	2453511.8	.0	.00	.00	38.8
18:00	0.0084	0.0107	13.0	16.8	2456291.2	.0	.00	.00	-2.8
19:00	0.0087	0.0101	13.4	15.8	2458488.7	.0	.00	.00	-3.1
20:00	0.0086	0.0093	13.3	14.6	2461418.6	.0	.00	.00	-3.3
21:00	0.0082	0.0085	12.7	13.3	2464867.3	.0	.00	.00	-3.2
22:00	0.0081	0.0083	12.5	13.0	2465618.2	.0	.00	.00	-3.1
23:00	0.008	0.0082	12.4	12.9	2465956.4	.0	.00	.00	-3.4
Avg	0.008	0.009	12.4	14.2	2462791.2	.1	.00	.00	47.6
Max	0.009	0.0119	13.9	18.6	2469164.0	1.5	.06	.06	365.8
Hr. of Max	13	16	13	16	04	12	12	12	15
Min	0.0062	0.0075	9.6	11.7	2452603.8	.0	.00	.00	-3.4
Count	23	23	23	23	23	24	24	20	23
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	28.90	978.6	56	293	60	294	22	9
01:00	.00	28.89	978.5	338	247	340	233	7	14
02:00	.00	28.90	978.7	3	262	4	281	11	17
03:00	.00	28.90	978.6	99	2	108	15	16	43
04:00	.00	28.89	978.3	67	48	103	52	65	21
05:00	.00	28.88	978.0	141	219	108	87	39	24
06:00	.00	28.87	977.6	74	40	87	54	40	14
07:00	.00 P	28.89 P	978.3 P	277 P	343 P	185 P	33 P	32 P	36 P
08:00									
09:00	.00 P	28.89 P	978.3 P	277 P	343 P	185 P	33 P	32 P	36 P
10:00	.04 P	28.89 P	978.3 P	192 P	175 P	199 P	111 P	66 P	55 P
11:00	.05	28.89	978.3	283	276	242	220	33	47
12:00	.07	28.87	977.8	188	186	166	175	21	15
13:00	.15	28.77	974.2	104	115	99	109	29	19
14:00	.49	28.72	972.5	8	19	10	30	50	38
15:00	.52	28.70	972.0	8	26	6	26	25	21
16:00	.25	28.71	972.1	61	59	67	60	27	15
17:00	.06	28.71	972.2	85	78	91	75	22	12
18:00	.00	28.72	972.6	49	90	77	90	26	14
19:00	.00	28.72	972.8	66	74	71	74	16	3
20:00	.00	28.72	972.7	45	81	71	79	35	7
21:00	.00	28.73	972.8	350	86	355	78	16	25
22:00	.00	28.73	972.8	345	358	91	2	40	24
23:00	.00	28.73	972.9	189	248	187	243	35	8
Avg	.07	28.81	975.6	44	31	0	0	31	22
Max	.52	28.90	978.7	350	358	355	294	66	55
Hr. of Max	15	03	02	21	22	21	00	10	10
Min	.00	28.70	972.0	3	2	4	2	7	3
Count	23	23	23	23	23	23	23	23	23
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	.1	1.5	.1	1.4	.0	.7	1.4	2.7
01:00	.1	.4	.1	.4	.0	.2	1.1	2.5
02:00	.3	.6	.4	.8	.2	.4	1.8	3.7
03:00	.6	1.6	.7	1.8	.3	.8	2.5	4.1
04:00	.3	2.3	.8	2.4	.4	1.1	2.7	3.7
05:00	.2	.9	.4	1.5	.2	.7	1.8	4.1
06:00	.3	3.1	.8	3.4	.3	1.5	2.7	7.1
07:00	.1 P	.9 P	1.1 P	1.8 P	.5 P	.8 P	<	<
08:00								
09:00	.1 P	.9 P	1.1 P	1.8 P	.5 P	.8 P	<	<
10:00	.5 P	2.2 P	1.8 P	3.5 P	.8 P	1.6 P	<	<
11:00	1.7	2.4	2.4	3.6	1.1	1.6	10.5	13.7
12:00	3.4	8.5	3.8	9.1	1.7	4.1	14.4	17.6
13:00	5.2	9.5	5.7	10.5	2.5	4.7	18.8	26.1
14:00	1.4	4.7	2.0	5.4	.9	2.4	6.9	11.2
15:00	1.9	5.9	2.1	6.2	1.0	2.8	7.8	12.6
16:00	1.8	4.4	2.0	4.5	.9	2.0	5.5	12.6
17:00	1.6	4.3	1.8	4.6	.8	2.1	6.4	8.7
18:00	.4	2.7	.5	2.8	.2	1.3	3.0	7.1
19:00	2.2	7.2	2.3	7.2	1.0	3.2	5.0	8.9
20:00	1.1	6.1	1.8	6.1	.8	2.8	7.1	11.0
21:00	.2	2.1	.3	2.4	.2	1.1	1.4	4.8
22:00	.2	1.6	.6	2.2	.2	1.0	2.1	3.9
23:00	.8	2.0	1.1	2.1	.5	1.0	2.3	3.9
Avg	1.0	1.0	1.5	3.7	.7	1.7	5.3	8.5
Max	5.2	9.5	5.7	10.5	2.5	4.7	18.8	26.1
Hr. of Max	13	13	13	13	13	13	13	13
Min	.1	.4	.1	.4	.0	.2	1.1	2.5
Count	23	23	23	23	23	23	20	20
Total								