Date Printed: 04/04/2017 08:42

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

Daily Summary Report

Site: Tower "K" (1208)

4/3/2017

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	18.7	21.0	65.7	69.9	2.3	8.6	47.5	53.2	8.4
01:00	15.9	19.8	60.7	67.6	3.8	9.8	49.6	67.8	9.1
02:00	15.4	19.6	59.7	67.3	4.2	9.3	48.8	68.1	8.9
03:00	14.1	19.6	57.5	67.2	5.4	9.7	49.5	75.8	9.1
04:00	14.3	18.4	57.7	65.1	4.1	9.5	49.1	73.8	9.0
05:00	13.7	18.6	56.7	65.4	4.9	9.8	49.6	78.3	9.2
06:00	13.6	17.5	56.5	63.5	3.9	10.1	50.2	80.3	9.4
07:00	13.0	15.1	55.5	59.2	2.1	11.7	53.1	93.1	10.5
08:00	13.3	14.2	55.9	57.5	.9	12.7	54.9	97.7	11.1
09:00	13.7	14.1	56.7	57.3	.3	13.2	55.7	98.0	11.5
10:00	13.8	14.3	56.9	57.8	.5	13.3	55.9	98.1	11.5
11:00	14.3	14.7	57.7	58.4	.4	13.7	56.7	98.1	11.9
12:00	15.1	15.1	59.1	59.1	.0	14.5	58.1	98.2	12.4
13:00	15.9	15.4	60.6	59.7	-.5	15.4	59.7	98.4	13.1
14:00	16.4	15.7	61.5	60.3	-.7	15.4	59.7	95.6	13.1
15:00	17.4	16.7	63.4	62.0	-.8	13.3	56.0	78.3	11.5
16:00	19.2	18.4	66.6	65.1	-.8	12.3	54.2	65.6	10.7
17:00	20.0	19.2	68.0	66.6	-.8	12.2	53.9	62.1	10.6
18:00	20.2	19.3	68.3	66.8	-.8	11.7	53.1	59.5	10.3
19:00	19.5	18.9	67.0	66.1	-.5	12.5	54.5	65.5	10.8
20:00	18.3	18.5	65.0	65.2	.1	13.6	56.6	75.4	11.7
21:00	17.9	18.0	64.3	64.4	.0	13.8	56.8	78.1	11.8
22:00	18.1	18.1	64.6	64.7	.0	14.0	57.2	78.4	11.9
23:00	18.4	18.5	65.1	65.3	.1	14.5	58.2	79.7	12.3
Avg	16.3	17.4	61.3	63.4	1.2	12.3	54.1	79.9	10.8
Max	20.2	21.0	68.3	69.9	5.4	15.4	59.7	98.4	13.1
Hr. of Max	18	00	18	00	03	14	14	13	14
Min	13.0	14.1	55.5	57.3	-.8	8.6	47.5	53.2	8.4
Count	24	24	24	24	24	24	24	24	24
Total									

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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	0.0072	0.0138	11.3	21.8	2446800.8	.0	.00	.00	-3.0
01:00	0.0078	0.0115	12.2	18.2	2453424.1	.0	.00	.00	-3.0
02:00	0.0076	0.0111	11.8	17.6	2454671.8	.0	.00	.00	-2.9
03:00	0.0078	0.0103	12.1	16.2	2457697.7	.0	.00	.00	-3.1
04:00	0.0076	0.0104	11.9	16.3	2457304.8	.0	.00	.00	-3.2
05:00	0.0078	0.01	12.1	15.7	2458728.4	.0	.00	.00	-3.4
06:00	0.008	0.0099	12.4	15.6	2458919.2	.0	.00	.00	-3.2
07:00	0.0089	0.0096	13.8	15.0	2460293.2	2.3	.09	.09	-2.5
08:00	0.0095	0.0097	14.7	15.3	2459680.9	6.1	.24	.33	2.5
09:00	0.0098	0.01	15.2	15.7	2458662.7	9.4	.37	.70	3.7
10:00	0.0099	0.0101	15.3	15.8	2458471.7	7.1	.28	.98	13.9
11:00	0.0102	0.0103	15.7	16.3	2457418.5	7.6	.30	1.28	20.7
12:00	0.0107	0.0109	16.6	17.1	2455530.2	5.8	.23	1.51	68.2
13:00	0.0114	0.0115	17.5	18.1	2453489.3	.0	.00	1.51	270.7
14:00	0.0114	0.0119	17.5	18.7	2452330.5	.0	.00	1.52	214.1
15:00	0.01	0.0128	15.4	20.0	2449886.6	.0	.00	1.52	304.1
16:00	0.0094	0.0143	14.4	22.3	2445658.1	.0	.00	1.52	378.3
17:00	0.0093	0.015	14.3	23.4	2443807.9	.0	.00	1.52	342.7
18:00	0.009	0.0152	13.9	23.7	2443391.1	.0	.00	1.52	178.5
19:00	0.0095	0.0145	14.6	22.7	2445042.7	.0	.00	1.52	46.7
20:00	0.0102	0.0135	15.7	21.1	2447701.9	.0	.00	1.52	-2.3
21:00	0.0103	0.0132	15.8	20.6	2448674.2	.0	.00	1.52	-2.7
22:00	0.0104	0.0133	16.1	20.8	2448258.7	.0	.00	1.52	-2.9
23:00	0.0108	0.0136	16.6	21.2	2447609.1	1.3	.05	1.57	-2.8
Avg	0.0094	0.0119	14.5	18.7	2452643.9	1.7	.07	.90	75.4
Max	0.0114	0.0152	17.5	23.7	2460293.2	9.4	.37	1.57	378.3
Hr. of Max	14	18	14	18	07	09	09	23	16
Min	0.0072	0.0096	11.3	15.0	2443391.1	.0	.00	.00	-3.4
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	.00	29.00	982.1	64	141	127	144	43	39
01:00	.00	28.99	981.9	122	276	165	271	25	25
02:00	.00	28.96	980.8	32	51	90	62	54	40
03:00	.00	28.96	980.6	195	352	196	33	54	27
04:00	.00	28.94	980.2	118	280	157	305	52	40
05:00	.00	28.94	980.0	18	145	78	119	53	43
06:00	.00	28.92	979.5	85	74	182	78	41	45
07:00	.00	28.94	980.0	229	282	193	270	64	24
08:00	.00	28.93	979.6	36	309	36	306	23	13
09:00	.01	28.92	979.3	63	325	75	342	22	36
10:00	.02	28.91	978.9	82	314	218	314	62	19
11:00	.03	28.91	979.0	266	280	240	270	41	13
12:00	.10	28.90	978.7	189	216	194	219	26	12
13:00	.39	28.82	975.9	123	134	125	135	30	17
14:00	.31	28.75	973.5	107	120	107	116	46	37
15:00	.44	28.71	972.4	5	354	358	52	41	39
16:00	.54	28.70	971.8	248	233	249	233	24	19
17:00	.49	28.70	971.9	243	234	244	232	22	14
18:00	.26	28.69	971.7	225	219	228	221	22	12
19:00	.07	28.69	971.6	213	215	211	212	21	12
20:00	.00	28.69	971.5	190	195	190	196	16	8
21:00	.00	28.69	971.6	205	200	202	199	19	10
22:00	.00	28.70	971.8	235	217	236	216	21	11
23:00	.00	28.70	971.8	222	217	224	217	20	11
Avg	.11	28.84	976.5	164	239	0	0	35	24
Max	.54	29.00	982.1	266	354	358	342	64	45
Hr. of Max	16	00	00	11	15	15	09	07	06
Min	.00	28.69	971.5	5	51	36	33	16	8
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	3.8	1.0	4.0	.4	1.8	4.1	11.9
01:00	.5	1.6	.8	1.7	.4	.8	3.0	4.4
02:00	.4	2.8	1.1	2.8	.5	1.3	4.6	6.2
03:00	.3	1.6	.6	2.1	.3	.9	2.1	5.7
04:00	.2	.8	1.2	1.0	.6	.5	4.1	5.0
05:00	.2	1.3	.5	1.6	.2	.7	3.0	3.4
06:00	.3	3.2	.9	3.3	.4	1.5	2.7	6.2
07:00	.6	3.2	1.5	3.7	.7	1.7	4.6	11.2
08:00	1.4	5.5	1.6	5.9	.7	2.6	4.4	11.2
09:00	1.7	1.9	1.9	2.3	.8	1.1	5.0	6.2
10:00	.2	2.4	.9	2.6	.4	1.2	2.7	6.2
11:00	1.4	6.1	2.3	6.6	1.0	3.0	7.1	14.0
12:00	2.9	7.1	3.7	7.9	1.6	3.5	8.2	15.8
13:00	3.7	8.4	4.2	8.7	1.9	3.9	12.6	18.5
14:00	3.6	7.4	4.6	8.2	2.1	3.7	17.6	22.2
15:00	.8	.9	1.8	2.8	.8	1.3	7.1	10.1
16:00	5.0	7.4	5.4	7.8	2.4	3.5	13.1	15.8
17:00	7.0	10.4	7.6	10.7	3.4	4.8	18.1	25.6
18:00	6.9	12.7	7.6	13.1	3.4	5.9	19.7	27.7
19:00	4.4	8.6	4.7	8.8	2.1	3.9	13.1	16.9
20:00	3.5	8.6	3.7	8.7	1.7	3.9	8.0	15.6
21:00	3.9	10.1	4.3	10.4	1.9	4.7	11.7	19.2
22:00	3.4	8.5	3.6	8.7	1.6	3.9	11.2	16.3
23:00	5.5	12.3	6.0	12.6	2.7	5.7	14.9	22.9
Avg	1.7	1.7	3.0	6.0	1.3	2.7	8.4	13.3
Max	7.0	12.7	7.6	13.1	3.4	5.9	19.7	27.7
Hr. of Max	17	18	18	18	18	18	18	18
Min	.2	.8	.5	1.0	.2	.5	2.1	3.4
Count	24	24	24	24	24	24	24	24
Total								