Date Printed: 09/02/2016 10:08

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

Daily Summary Report

Site: Tower "K" (1208)

9/1/2016

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	23.2	24.2	73.7	75.5	1.0	21.7	71.1	94.2	19.1
01:00	22.5	23.3	72.5	74.0	.8	21.6	70.9	97.3	19.0
02:00	22.0	22.6	71.7	72.7	.6	21.2	70.1	97.5	18.5
03:00	21.9	22.7	71.5	72.8	.8	21.1	70.0	97.7	18.4
04:00	21.6	22.1	70.9	71.8	.5	20.8	69.5	97.6	18.1
05:00	21.4	21.9	70.5	71.4	.5	20.6	69.1	97.7	17.9
06:00	21.2	21.4	70.1	70.6	.2	20.4	68.7	97.8	17.7
07:00	21.1	21.3	69.9	70.3	.2	20.3	68.5	97.7	17.6
08:00	21.8	21.8	71.2	71.3	.1	19.7	67.4	90.6	16.9
09:00	23.7	23.2	74.7	73.8	-.5	16.3	61.3	64.5	13.6
10:00	25.8	25.3	78.4	77.6	-.5	15.9	60.6	55.7	13.2
11:00	28.0	27.5	82.4	81.4	-.5	16.3	61.3	50.3	13.4
12:00	29.5	29.0	85.1	84.2	-.5	16.2	61.1	46.1	13.4
13:00	28.6	28.1	83.5	82.6	-.5	17.9	64.3	54.3	14.9
14:00	25.2	24.2	77.3	75.5	-1.0	18.0	64.5	66.3	15.1
15:00	28.5	27.1	83.2	80.8	-1.3	16.2	61.2	48.9	13.4
16:00	29.8	28.7	85.6	83.7	-1.0	17.0	62.5	47.6	14.0
17:00	27.8	27.6	82.1	81.6	-.3	19.4	66.9	64.6	16.5
18:00	24.0	25.1	75.1	77.2	1.2	23.1	73.6	97.8	20.7
19:00	24.5	24.7	76.1	76.5	.2	22.0	71.7	88.7	19.4
20:00	23.6	24.2	74.5	75.6	.6	21.4	70.5	90.0	18.7
21:00	23.4	23.8	74.1	74.9	.4	21.5	70.7	91.5	18.8
22:00	23.0	24.1	73.5	75.3	1.0	20.7	69.2	88.9	17.9
23:00	23.1	23.5	73.6	74.3	.4	19.2	66.6	80.7	16.3
Avg	24.4	24.5	75.9	76.1	.1	19.5	67.1	79.3	16.8
Max	29.8	29.0	85.6	84.2	1.2	23.1	73.6	97.8	20.7
Hr. of Max	16	12	16	12	18	18	18	18	18
Min	21.1	21.3	69.9	70.3	-1.3	15.9	60.6	46.1	13.2
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	0.017	0.018	26.1	28.4	2436281.5	.0	.00	.00	-2.6
01:00	0.0168	0.0173	25.9	27.3	2437830.6	.0	.00	.00	-2.9
02:00	0.0164	0.0168	25.2	26.6	2438957.2	.0	.00	.00	-2.6
03:00	0.0163	0.0167	25.1	26.4	2439225.0	.0	.00	.00	-2.6
04:00	0.016	0.0164	24.7	25.9	2439899.8	.0	.00	.00	-2.3
05:00	0.0158	0.0162	24.4	25.6	2440442.6	.0	.00	.00	-2.7
06:00	0.0156	0.016	24.1	25.2	2440960.4	.0	.00	.00	-2.7
07:00	0.0155	0.0159	23.9	25.0	2441233.3	.0	.00	.00	21.9
08:00	0.0149	0.0166	23.0	26.1	2439597.2	.0	.00	.00	130.3
09:00	0.012	0.0186	18.6	29.4	2434938.4	.0	.00	.00	356.6
10:00	0.0117	0.0211	18.2	33.4	2430005.1	.0	.00	.00	570.6
11:00	0.0121	0.024	18.7	37.9	2424815.3	.0	.00	.00	721.1
12:00	0.012	0.0262	18.6	41.3	2421288.6	.0	.00	.00	771.4
13:00	0.0134	0.025	20.8	39.4	2423320.4	.0	.00	.00	361.9
14:00	0.0135	0.0204	20.8	32.1	2431490.1	.0	.00	.00	557.2
15:00	0.0121	0.0247	18.7	38.9	2423723.8	.0	.00	.00	784.7
16:00	0.0127	0.0267	19.6	42.0	2420601.0	.0	.00	.00	612.2
17:00	0.0149	0.024	22.9	37.8	2425180.3	7.1	.28	.00	207.2
18:00	0.0185	0.0189	28.3	29.9	2434371.8	2.2	.09	.00	91.5
19:00	0.0173	0.0195	26.6	30.8	2433115.6	.0	.00	.00	44.4
20:00	0.0166	0.0185	25.6	29.2	2435240.6	.0	.00	.00	-1.8
21:00	0.0167	0.0183	25.7	28.9	2435681.0	.0	.00	.00	-2.5
22:00	0.0159	0.0179	24.5	28.3	2436547.8	.0	.00	.00	-2.6
23:00	0.0145	0.0179	22.4	28.3	2436422.1	.0	.00	.00	-2.6
Avg	0.0149	0.0197	23.0	31.0	2433382.1	.4	.02	.00	216.8
Max	0.0185	0.0267	28.3	42.0	2441233.3	7.1	.28	.00	784.7
Hr. of Max	18	16	18	16	07	17	17	23	15
Min	0.0117	0.0159	18.2	25.0	2420601.0	.0	.00	.00	-2.9
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	23	210	2	207	37	14
01:00	.00	29.00	982.0	45	243	77	238	27	11
02:00	.00	28.98	981.5	3	260	353	263	39	10
03:00	.00	28.98	981.5	33	316	51	317	21	8
04:00	.00	28.97	981.2	27	264	64	273	35	19
05:00	.00	28.98	981.4	12	216	355	218	15	14
06:00	.00	28.98	981.5	57	213	53	210	6	15
07:00	.03	28.99	981.9	357	216	8	216	22	29
08:00	.19	29.01	982.4	47	353	61	5	16	42
09:00	.51	29.01	982.5	303	251	273	245	56	61
10:00	.82	29.01	982.6	271	251	264	240	43	37
11:00	1.03	29.01	982.3	272	280	271	278	45	60
12:00	1.11	28.99	981.8	314	330	282	320	57	48
13:00	.52	28.98	981.4	345	339	335	1	44	27
14:00	.80	28.99	981.6	35	36	41	36	60	8
15:00	1.13	28.97	980.9	54	45	63	44	39	15
16:00	.88	28.95	980.5	55	46	62	46	42	17
17:00	.30	28.96	980.8	59	44	77	45	56	55
18:00	.13	28.97	981.0	54	54	86	73	25	37
19:00	.06	28.98	981.4	67	77	71	77	19	9
20:00	.00	28.99	981.9	55	63	62	65	21	7
21:00	.00	29.01	982.5	60	61	62	62	13	5
22:00	.00	29.03	983.0	43	48	43	47	35	8
23:00	.00	29.03	983.0	44	41	45	41	35	11
Avg	.31	28.99	981.8	27	339	0	0	34	24
Max	1.13	29.03	983.0	357	353	355	320	60	61
Hr. of Max	15	23	23	07	08	05	12	14	09
Min	.00	28.95	980.5	3	36	2	1	6	5
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	.2	3.4	.6	3.5	.3	1.6	2.7	6.2
01:00	.6	3.1	1.1	3.2	.5	1.4	3.0	6.6
02:00	.5	2.6	.6	3.0	.3	1.4	2.3	6.2
03:00	.5	4.6	.6	4.6	.3	2.1	2.3	7.1
04:00	.2	1.1	.6	1.5	.3	.7	2.3	3.4
05:00	.3	1.1	.3	1.1	.1	.5	1.6	2.5
06:00	.1	1.4	.2	1.5	.1	.7	1.6	2.7
07:00	.1	.6	.1	.7	.1	.3	1.8	1.8
08:00	.3	.4	.3	.6	.1	.3	2.3	2.5
09:00	.6	.4	.8	.6	.3	.3	3.2	2.7
10:00	1.4	1.3	1.8	1.7	.8	.8	5.0	4.6
11:00	2.0	1.6	2.5	2.3	1.1	1.1	7.3	7.8
12:00	1.2	1.2	2.5	3.1	1.1	1.4	8.0	8.5
13:00	1.1	6.9	2.6	9.4	1.2	4.2	15.6	34.8
14:00	2.0	17.1	3.0	17.3	1.3	7.7	13.3	25.9
15:00	2.6	9.0	3.2	9.6	1.4	4.3	12.1	16.5
16:00	2.3	8.0	2.9	8.3	1.3	3.7	9.6	16.3
17:00	1.5	6.7	2.8	8.6	1.3	3.9	11.2	17.6
18:00	1.5	5.4	2.1	6.8	1.0	3.1	10.8	18.5
19:00	3.3	9.3	3.5	9.4	1.6	4.2	9.8	15.6
20:00	2.1	7.8	2.2	7.9	1.0	3.6	6.4	11.7
21:00	1.6	5.3	1.6	5.3	.7	2.4	3.9	8.7
22:00	1.8	12.2	2.1	12.4	.9	5.6	9.4	19.7
23:00	2.3	12.0	2.8	12.1	1.2	5.4	8.7	21.5
Avg	1.2	1.2	1.7	5.6	.8	2.5	6.4	11.2
Max	3.3	17.1	3.5	17.3	1.6	7.7	15.6	34.8
Hr. of Max	19	14	19	14	19	14	13	13
Min	.1	.4	.1	.6	.1	.3	1.6	1.8
Count	24	24	24	24	24	24	24	24
Total								