Date Printed: 07/15/2016 10:13

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

Daily Summary Report

Site: Tower "K" (1208)

7/14/2016

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	24.4	25.4	76.0	77.7	1.0	23.5	74.2	97.2	21.1
01:00	23.8	25.2	74.9	77.4	1.4	22.9	73.2	97.5	20.5
02:00	23.2	24.6	73.8	76.3	1.4	22.4	72.3	97.6	19.8
03:00	22.5	23.8	72.6	74.9	1.3	21.7	71.1	97.6	19.1
04:00	22.0	23.8	71.5	74.9	1.9	21.2	70.1	97.7	18.5
05:00	21.8	22.7	71.2	72.8	.9	21.0	69.8	97.9	18.3
06:00	21.5	22.3	70.7	72.1	.8	20.8	69.4	98.1	18.1
07:00	22.0	22.4	71.5	72.3	.5	19.4	66.8	87.7	16.6
08:00	23.7	23.2	74.7	73.7	-.5	19.1	66.3	77.1	16.2
09:00	25.5	24.5	77.9	76.1	-1.0	19.3	66.7	70.4	16.3
10:00	27.6	26.4	81.7	79.5	-1.2	19.7	67.4	63.9	16.6
11:00	29.7	28.2	85.5	82.7	-1.6	19.7	67.5	56.6	16.6
12:00	30.8	29.4	87.5	85.0	-1.4	19.6	67.3	52.8	16.4
13:00	31.5	30.1	88.7	86.2	-1.4	20.4 -	68.7 -	53.6	17.2 -
14:00	32.4	31.0	90.4	87.9	-1.4	19.1	66.5	47.0	15.9
15:00	32.3	31.3	90.2	88.3	-1.1	18.9	66.1	46.7	15.7
16:00	29.8	28.6	85.6	83.5	-1.2	18.9	66.1	54.0	15.8
17:00	22.9	22.2	73.2	72.0	-.7	18.5	65.2	78.2	15.6
18:00	21.9	21.8	71.5	71.2	-.2	20.0	67.9	90.9	17.2
19:00	21.5	21.3	70.6	70.4	-.1	19.5	67.1	90.7	16.7
20:00	21.7	21.4	71.1	70.5	-.3	19.7	67.4	90.2	16.9
21:00	21.4	21.2	70.5	70.1	-.2	20.2	68.3	95.2	17.4
22:00	20.6	21.1	69.1	70.0	.5	19.8	67.7	97.6	17.1
23:00	20.8	20.9	69.4	69.6	.1	20.0	68.0	97.7	17.3
Avg	24.8	24.7	76.7	76.5	-.1	20.2	68.4	80.6	17.4
Max	32.4	31.3	90.4	88.3	1.9	23.5	74.2	98.1	21.1
Hr. of Max	14	15	14	15	04	00	00	06	00
Min	20.6	20.9	69.1	69.6	-1.6	18.5	65.2	46.7	15.6
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	0.0188	0.0193	29.0	30.7	2433287.2	.0	.00	.00	-2.5
01:00	0.0182	0.0187	28.0	29.6	2434722.9	.0	.00	.00	-2.6
02:00	0.0176	0.018	27.1	28.6	2436132.0	.0	.00	.00	-2.5
03:00	0.0169	0.0173	26.0	27.4	2437751.4	.0	.00	.00	-2.6
04:00	0.0163	0.0167	25.2	26.5	2439104.8	.0	.00	.00	-2.6
05:00	0.0161	0.0165	25.0	26.1	2439569.5	.0	.00	.00	-2.7
06:00	0.0159	0.0162	24.6	25.7	2440165.4	.0	.00	.00	4.5
07:00	0.0146	0.0167	22.6	26.4	2439154.4	.0	.00	.00	98.6
08:00	0.0143	0.0185	22.2	29.4	2434972.9	.0	.00	.00	177.0
09:00	0.0145	0.0206	22.5	32.8	2430695.1	.0	.00	.00	359.2
10:00	0.0149	0.0234	23.1	37.1	2425715.1	.0	.00	.00	599.1
11:00	0.015	0.0265	23.2	42.0	2420648.1	.0	.00	.00	813.8
12:00	0.0149	0.0282	23.0	44.7	2418057.5	.0	.00	.00	879.9
13:00	0.0157 -	0.0292 -	24.2 -	46.3	2416536.3	.0	.00	.00	681.2
14:00	0.0145	0.0309	22.4	48.9	2414276.4	.0	.00	.00	629.2
15:00	0.0143	0.0308	22.2	48.7	2414477.6	.0	.00	.00	445.3
16:00	0.0143	0.0267	22.1	42.3	2420518.4	.0	.00	.00	365.0
17:00	0.0138	0.0177	21.3	28.0	2436908.6	.2	.01	.00	170.0
18:00	0.0151	0.0166	23.4	26.4	2439233.1	.3	.01	.00	46.4
19:00	0.0147	0.0162	22.7	25.6	2440330.0	.0	.00	.00	48.0
20:00	0.0149	0.0165	23.0	26.1	2439647.9	.0	.00	.00	13.6
21:00	0.0153	0.0161	23.7	25.5	2440502.3	.0	.00	.00	-2.6
22:00	0.015	0.0153	23.2	24.3	2442352.1	.0	.00	.00	-2.5
23:00	0.0151	0.0155	23.4	24.6	2441995.7	.0	.00	.00	-2.9
Avg	0.0154	0.0203	23.9	32.2	2432364.8	.0	.00	.00	221.1
Max	0.0188	0.0309	29.0	48.9	2442352.1	.3	.01	.00	879.9
Hr. of Max	00	14	00	14	22	18	18	23	12
Min	0.0138	0.0153	21.3	24.3	2414276.4	.0	.00	.00	-2.9
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	.00	29.14	986.9	7	234	25	231	50	15
01:00	.00	29.13	986.5	77	213	104	212	42	11
02:00	.00	29.11	985.8	63	183	80	185	47	45
03:00	.00	29.11	985.7	29	111	43	117	30	23
04:00	.00	29.11	985.9	146	152	156	179	39	29
05:00	.00	29.12	986.0	13	241	5	238	15	33
06:00	.01	29.12	986.2	50	188	57	176	30	38
07:00	.14	29.13	986.6	33	265	45	272	26	30
08:00	.25	29.15	987.2	206	215	209	215	51	15
09:00	.52	29.16	987.6	204	207	201	207	42	20
10:00	.86	29.15	987.2	209	208	209	209	32	18
11:00	1.17	29.13	986.6	195	192	197	193	43	18
12:00	1.26	29.12	986.1	218	205	219	207	34	22
13:00	.98	29.10 -	985.6 -	193	187	196	186	59	27
14:00	.90	29.08	984.8	200	201	203	200	36	19
15:00	.64	29.06	984.1	231	226	234	227	21	15
16:00	.52	29.07	984.3	226	224	233	243	32	23
17:00	.24	29.12	986.1	293	290	288	293	27	12
18:00	.07	29.10	985.6	183	193	184	190	33	18
19:00	.07	29.05	983.9	58	159	91	130	43	34
20:00	.02	29.07	984.5	269	233	256	236	56	34
21:00	.00	29.09	985.1	5	285	345	256	33	31
22:00	.00	29.11	985.9	30	347	55	344	17	20
23:00	.00	29.13	986.6	73	237	104	239	45	52
Avg	.32	29.11	985.9	154	214	0	0	37	25
Max	1.26	29.16	987.6	293	347	345	344	59	52
Hr. of Max	12	09	09	17	22	21	22	13	23
Min	.00	29.05	983.9	5	111	5	117	15	11
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	3.2	.7	3.3	.3	1.5	3.9	6.6
01:00	.7	3.8	1.0	4.0	.4	1.8	3.7	6.2
02:00	.4	2.3	.9	2.4	.4	1.1	3.0	5.5
03:00	1.0	1.9	1.3	2.5	.6	1.1	3.4	5.7
04:00	.7	1.5	1.1	2.1	.5	.9	3.2	5.3
05:00	.5	1.0	.6	1.2	.3	.6	2.5	3.7
06:00	.5	.2	.7	.6	.3	.3	2.5	3.0
07:00	.1	1.0	.2	1.3	.1	.6	1.8	3.7
08:00	1.1	3.0	1.5	3.1	.7	1.4	4.4	6.2
09:00	2.0	3.8	2.3	4.0	1.0	1.8	9.6	10.8
10:00	3.6	6.3	4.1	6.6	1.8	3.0	9.4	13.3
11:00	2.9	5.8	3.8	6.1	1.7	2.8	9.8	12.4
12:00	3.6	6.3	4.3	6.8	1.9	3.1	11.0	13.5
13:00	2.8	6.1	3.6	6.7	1.6	3.0	12.1	14.0
14:00	4.4	8.9	5.2	9.5	2.3	4.3	14.7	33.4
15:00	6.6	10.4	7.2	11.0	3.2	5.0	17.4	19.9
16:00	5.4	10.3	7.5	15.1	3.3	6.8	37.3	41.4
17:00	6.6	19.3	7.5	20.2	3.4	9.0	28.4	42.4
18:00	2.1	5.6	3.8	8.0	1.7	3.6	11.0	15.3
19:00	1.0	4.2	1.4	5.1	.6	2.3	7.1	13.3
20:00	.8	2.6	1.3	3.2	.6	1.4	3.9	6.6
21:00	.2	1.2	1.4	1.8	.6	.8	4.4	6.0
22:00	.6	3.6	.7	4.0	.3	1.8	4.4	6.6
23:00	.6	1.3	1.0	2.0	.4	.9	3.4	5.5
Avg	2.0	2.0	2.6	5.4	1.2	2.5	8.8	12.5
Max	6.6	19.3	7.5	20.2	3.4	9.0	37.3	42.4
Hr. of Max	17	17	17	17	17	17	16	17
Min	.1	.2	.2	.6	.1	.3	1.8	3.0
Count	24	24	24	24	24	24	24	24
Total								