Date Printed: 07/17/2016 07:26

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

Daily Summary Report

Site: Tower "K" (1208)

7/16/2016

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	23.0	23.9	73.3	75.1	1.0	22.1	71.7	97.4	19.5
01:00	22.3	23.3	72.2	73.9	1.0	21.5	70.7	97.6	18.8
02:00	22.0	22.7	71.6	72.8	.7	21.2	70.2	97.8	18.6
03:00	21.4	22.9	70.6	73.2	1.5	20.7	69.2	97.8	18.0
04:00	20.8	22.5	69.5	72.5	1.7	20.1	68.1	98.0	17.4
05:00	20.6	21.5	69.1	70.6	.8	19.9	67.8	98.0	17.2
06:00	20.4	21.2	68.7	70.2	.8	19.7	67.5	98.1	17.0
07:00	20.7	21.2	69.3	70.2	.5	19.6	67.3	95.6	16.9
08:00	22.6	22.5	72.8	72.6	-.1	17.4	63.3	74.0	14.6
09:00	24.6	23.9	76.4	75.0	-.7	18.1	64.6	68.7	15.2
10:00	26.4	25.3	79.5	77.6	-1.1	18.0	64.4	61.7	15.1
11:00	28.2	26.5	82.7	79.8	-1.6	17.3	63.1	53.2	14.3
12:00	28.4	27.4	83.1	81.3	-1.0	17.8	64.0	54.4	14.8
13:00	26.8	26.5	80.3	79.7	-.3	21.4	70.6	74.9	18.6
14:00	25.5	25.1	77.8	77.2	-.3	22.8	73.0	87.8	20.2
15:00	26.9	26.4	80.5	79.5	-.6	20.5	69.0	70.0	17.6
16:00	28.2	27.3	82.7	81.2	-.8	19.2	66.5	60.2	16.2
17:00	29.2	28.6	84.6	83.5	-.6	14.9	58.9	43.2	12.4
18:00	28.5	28.3	83.2	82.9	-.2	15.5	59.8	47.0	12.9
19:00	27.6	27.3	81.7	81.1	-.4	17.3	63.2	55.1	14.4
20:00	25.8	26.1	78.5	79.1	.3	17.9	64.2	63.5	15.0
21:00	24.3	25.2	75.7	77.3	.9	19.6	67.3	77.1	16.7
22:00	23.0	24.3	73.4	75.7	1.3	20.4	68.6	87.2	17.6
23:00	22.1	23.4	71.8	74.1	1.3	20.5	68.9	93.1	17.7
Avg	24.6	24.7	76.2	76.5	.2	19.3	66.7	77.1	16.5
Max	29.2	28.6	84.6	83.5	1.7	22.8	73.0	98.1	20.2
Hr. of Max	17	17	17	17	04	14	14	06	14
Min	20.4	21.2	68.7	70.2	-1.6	14.9	58.9	43.2	12.4
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	0.0173	0.0177	26.6	28.1	2436770.0	.0	.00	.00	-2.6
01:00	0.0166	0.0171	25.7	27.0	2438277.4	.0	.00	.00	-2.6
02:00	0.0164	0.0167	25.3	26.5	2438997.4	.0	.00	.00	-2.6
03:00	0.0158	0.0162	24.4	25.6	2440399.3	.0	.00	.00	-2.7
04:00	0.0152	0.0156	23.6	24.6	2441870.6	.0	.00	.00	-2.7
05:00	0.0151	0.0154	23.3	24.3	2442346.3	.0	.00	.00	-2.7
06:00	0.0149	0.0152	23.0	24.0	2442817.7	.0	.00	.00	1.4
07:00	0.0148	0.0155	22.9	24.5	2442032.1	.0	.00	.00	90.4
08:00	0.0128	0.0174	20.0	27.6	2437515.4	.0	.00	.00	257.0
09:00	0.0134	0.0196	20.9	31.1	2432764.4	.0	.00	.00	349.7
10:00	0.0134	0.0218	20.8	34.5	2428594.4	.0	.00	.00	583.8
11:00	0.0128	0.0241	19.9	38.3	2424397.9	.0	.00	.00	720.3
12:00	0.0132	0.0244	20.6	38.7	2423927.9	.0	.00	.00	526.6
13:00	0.0166	0.0223	25.7	35.4	2427605.7	.5	.02	.00	78.4
14:00	0.0181	0.0206	27.8	32.7	2430822.4	.5	.02	.00	287.3
15:00	0.0157	0.0225	24.3	35.7	2427287.3	.0	.00	.00	455.9
16:00	0.0145	0.0242	22.5	38.3	2424392.1	.0	.00	.00	660.7
17:00	0.0111	0.0256	17.2	40.7	2421938.7	.0	.00	.00	563.9
18:00	0.0115	0.0246	17.9	39.0	2423688.4	.0	.00	.00	258.0
19:00	0.0129	0.0234	20.0	37.1	2425669.1	.0	.00	.00	196.1
20:00	0.0133	0.021	20.7	33.4	2429986.9	.0	.00	.00	30.9
21:00	0.0148	0.0192	22.9	30.5	2433586.7	.0	.00	.00	-2.1
22:00	0.0155	0.0178	24.0	28.2	2436616.8	.0	.00	.00	-2.7
23:00	0.0156	0.0168	24.2	26.7	2438836.8	.0	.00	.00	-2.5
Avg	0.0146	0.0198	22.7	31.4	2432964.2	.0	.00	.00	209.9
Max	0.0181	0.0256	27.8	40.7	2442817.7	.5	.02	.00	720.3
Hr. of Max	14	17	14	17	06	14	14	23	11
Min	0.0111	0.0152	17.2	24.0	2421938.7	.0	.00	.00	-2.7
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	29.11	985.9	30	348	55	342	27	31
01:00	.00	29.11	985.8	46	351	87	349	50	20
02:00	.00	29.10	985.4	71	81	98	86	32	24
03:00	.00	29.08	984.9	53	77	70	78	30	14
04:00	.00	29.09	985.2	43	38	87	45	33	28
05:00	.00	29.10	985.4	42	41	59	36	30	52
06:00	.00	29.12	986.2	23	359	34	10	14	22
07:00	.13	29.14	986.8	30	315	53	317	19	14
08:00	.37	29.15	987.1	347	354	300	9	58	59
09:00	.50	29.16	987.5	25	164	244	136	51	39
10:00	.84	29.17	987.8	226	213	221	206	39	26
11:00	1.03	29.17	987.9	128	153	153	151	66	33
12:00	.76	29.17	987.8	72	114	81	105	71	39
13:00	.11	29.17	987.8	11	226	340	250	34	21
14:00	.41	29.15	987.3	353	303	297	312	49	38
15:00	.65	29.14	986.7	310	290	277	304	53	30
16:00	.95	29.13	986.5	265	257	264	257	34	31
17:00	.81	29.13	986.4	11	354	332	26	46	30
18:00	.37	29.14	986.9	59	45	62	44	22	10
19:00	.28	29.15	987.1	71	56	76	57	24	12
20:00	.04	29.15	987.3	72	58	74	57	23	5
21:00	.00	29.17	987.9	34	50	57	50	20	5
22:00	.00	29.19	988.4	50	43	125	43	47	10
23:00	.00	29.19	988.7	30	60	44	60	36	9
Avg	.30	29.14	986.9	35	28	0	0	38	25
Max	1.03	29.19	988.7	353	359	340	349	71	59
Hr. of Max	11	23	23	14	06	13	01	12	08
Min	.00	29.08	984.9	11	38	34	9	14	5
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	.4	1.0	.5	1.2	.2	.6	2.3	3.7
01:00	.3	2.2	.5	2.3	.2	1.1	2.5	6.4
02:00	.6	.7	.8	1.8	.4	.8	3.2	5.5
03:00	.9	3.0	1.2	3.1	.5	1.4	3.4	5.3
04:00	.5	1.5	.8	1.9	.3	.9	3.7	4.1
05:00	.4	1.8	.6	2.6	.3	1.2	2.3	5.3
06:00	.4	1.3	.6	2.4	.3	1.1	2.7	4.6
07:00	.3	1.4	.4	1.4	.2	.6	2.1	2.7
08:00	.2	.6	.4	.9	.2	.4	1.8	2.7
09:00	.0	.5	.8	1.2	.4	.6	3.9	3.4
10:00	2.2	3.2	2.9	3.6	1.3	1.6	8.9	7.6
11:00	1.2	3.0	2.0	3.7	.9	1.7	8.0	10.1
12:00	1.0	2.3	2.1	3.5	.9	1.6	5.7	7.1
13:00	.3	1.7	1.4	3.6	.6	1.6	5.0	8.5
14:00	.4	3.8	.9	5.1	.4	2.3	5.3	13.7
15:00	1.3	4.1	1.7	4.8	.8	2.2	6.4	13.1
16:00	3.3	3.7	3.6	3.9	1.6	1.8	9.2	9.4
17:00	.7	2.8	2.5	4.9	1.1	2.2	8.7	12.6
18:00	1.5	5.3	1.6	5.3	.7	2.4	6.2	11.2
19:00	2.0	6.9	2.2	7.0	1.0	3.2	8.2	12.4
20:00	1.6	7.8	1.7	7.9	.8	3.5	5.7	11.4
21:00	.7	5.6	.8	5.5	.4	2.5	3.4	8.5
22:00	.2	3.1	.5	3.2	.2	1.4	2.7	7.1
23:00	.3	3.4	.4	3.4	.2	1.5	2.1	5.5
Avg	1.2	1.2	1.3	3.5	.6	1.6	4.7	7.6
Max	3.3	7.8	3.6	7.9	1.6	3.5	9.2	13.7
Hr. of Max	16	20	16	20	16	20	16	14
Min	.0	.5	.4	.9	.2	.4	1.8	2.7
Count	24	24	24	24	24	24	24	24
Total								