Date Printed: 06/26/2016 07:30

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

Daily Summary Report

Site: Tower "K" (1208)

6/24/2016

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	25.1	24.7	77.1	76.5	-.3	21.1	70.0	81.4	18.3
01:00	22.5 P	22.3 P	72.6 P	72.1 P	-.3 P	P	P	97.9 P	19.1 P
02:00	21.8	21.6	71.2	70.9	-.2	21.0	69.9	98.1	18.4
03:00	21.5	21.3	70.6	70.3	-.2	20.8	69.4	98.2	18.1
04:00	20.9	20.7	69.6	69.3	-.2	20.2	68.4	98.2	17.5
05:00	20.3	20.2	68.5	68.4	-.1	19.6	67.3	98.1	16.9
06:00	20.0	20.2	68.0	68.4	.2	19.3	66.8	98.1	16.6
07:00	20.1	20.3	68.1	68.6	.3	19.4	66.9	98.2	16.7
08:00	21.4	20.8	70.4	69.4	-.6	19.9	67.8	93.6	17.1
09:00	23.4	22.7	74.2	72.8	-.8	17.5	63.6	71.2	14.7
10:00	24.7	23.7	76.5	74.6	-1.0	16.7	62.1	62.7	13.9
11:00	26.7	25.7	80.1	78.2	-1.1	16.5	61.8	55.0	13.7
12:00	28.4	27.2	83.2	80.9	-1.3	17.2	63.0	52.1	14.3
13:00	29.1	28.4	84.4	83.1	-.7	18.4	65.0	53.9	15.3
14:00	29.8	28.7	85.7	83.6	-1.2	18.5	65.4	52.4	15.4
15:00	30.3	29.3	86.5	84.8	-.9	18.8	65.9	51.9	15.7
16:00	30.7	30.2	87.3	86.3	-.5	17.5	63.5	47.1	14.5
17:00	30.3	29.9	86.5	85.8	-.4	17.0	62.7	46.5	14.1
18:00	30.7	30.1	87.2	86.2	-.5	14.8	58.6	39.3	12.2
19:00	29.8	29.5	85.6	85.1	-.3	15.0	59.1	42.0	12.4
20:00	28.1	28.4	82.6	83.2	.3	18.1	64.6	56.6	15.1
21:00	26.3	27.2	79.3	81.0	.9	20.3	68.5	71.5	17.3
22:00	24.3	25.7	75.7	78.3	1.5	20.4	68.8	81.4	17.6
23:00	22.7	24.5	72.8	76.1	1.8	20.8	69.4	91.4	18.0
Avg	25.4	25.1	77.7	77.2	-.2	18.6	65.6	72.4	16.0
Max	30.7	30.2	87.3	86.3	1.8	21.1	70.0	98.2	19.1
Hr. of Max	18	16	16	16	23	00	00	07	01
Min	20.0	20.2	68.0	68.4	-1.3	14.8	58.6	39.3	12.2
Count	24	24	24	24	24	23	23	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	0.0163	0.0202	25.2	32.0	2431751.1	.5	.02	.02	-2.5
01:00	0.0169 P	0.0173 P	26.1 P	27.4 P	2437763.1 P	3.3 P	.13 P	<	-2.4 P
02:00	0.0162	0.0165	25.0	26.1	2439578.0	2.3	.09	.09	-2.3
03:00	0.0159	0.0162	24.6	25.7	2440292.3	2.0	.08	.08	-2.9
04:00	0.0154	0.0157	23.7	24.8	2441650.1	1.0	.04	.04	-2.6
05:00	0.0148	0.0151	22.9	23.9	2443108.2	.5	.02	.02	-2.5
06:00	0.0145	0.0148	22.5	23.4	2443779.0	.3	.01	.01	-1.8
07:00	0.0146	0.0149	22.6	23.5	2443643.0	.0	.00	.00	38.8
08:00	0.015	0.0161	23.3	25.5	2440575.9	.0	.00	.00	268.2
09:00	0.013	0.0183	20.2	28.9	2435603.3	.0	.00	.00	434.0
10:00	0.0123	0.0197	19.2	31.2	2432604.8	.0	.00	.00	594.1
11:00	0.0122	0.0222	19.0	35.2	2427843.0	.0	.00	.00	829.3
12:00	0.0128	0.0245	19.9	38.9	2423750.8	.0	.00	.00	927.5
13:00	0.0137	0.0255	21.3	40.5	2422142.3	.0	.00	.00	431.3
14:00	0.0139	0.0266	21.6	42.2	2420462.3	.0	.00	.00	677.9
15:00	0.0142	0.0273	22.0	43.3	2419379.8	.0	.00	.00	618.0
16:00	0.0131	0.028	20.4	44.3	2418378.4	.0	.00	.00	586.7
17:00	0.0127	0.0274	19.7	43.3	2419326.5	.0	.00	.00	375.0
18:00	0.011	0.0279	17.1	44.2	2418495.6	.0	.00	.00	379.6
19:00	0.0111	0.0265	17.3	42.0	2420574.9	.0	.00	.00	179.4
20:00	0.0136	0.0241	21.0	38.2	2424564.7	.0	.00	.00	33.4
21:00	0.0155	0.0217	23.9	34.3	2428821.8	.0	.00	.00	-1.9
22:00	0.0156	0.0192	24.1	30.4	2433691.6	.0	.00	.00	-2.5
23:00	0.0159	0.0174	24.6	27.6	2437446.4	.0	.00	.00	-2.6
Avg	0.0142	0.021	22.0	33.2	2431051.1	.4	.02	.01	264.6
Max	0.0169	0.028	26.1	44.3	2443779.0	3.3	.13	.09	927.5
Hr. of Max	01	16	01	16	06	01	01	02	12
Min	0.011	0.0148	17.1	23.4	2418378.4	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	23	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	29.07	984.4	15	314	359	331	67	33
01:00	.00 P	29.08 P	984.9 P	339 P	329 P	313 P	324 P	57 P	53 P
02:00	.00	29.08	984.7	244	239	233	239	30	16
03:00	.00	29.07	984.6	229	220	217	212	22	15
04:00	.00	29.06	984.0	259	250	243	246	56	34
05:00	.00	29.08	984.9	339	275	291	274	67	37
06:00	.00	29.07	984.6	62	70	76	71	46	59
07:00	.06	29.08	984.7	40	249	144	208	65	51
08:00	.38	29.10	985.4	268	244	265	244	28	17
09:00	.62	29.13	986.4	258	242	258	241	18	14
10:00	.85	29.12	986.1	232	220	233	221	31	19
11:00	1.19	29.12	986.3	245	229	244	229	33	19
12:00	1.33	29.12	986.0	217	208	218	208	28	18
13:00	.62	29.11	985.9	267	253	263	252	27	18
14:00	.97	29.11	985.8	246	239	248	241	29	21
15:00	.89	29.10	985.6	263	253	263	253	25	17
16:00	.84	29.10	985.4	325	300	300	300	44	20
17:00	.54	29.09	985.2	338	297	326	297	47	14
18:00	.54	29.08	984.9	323	302	308	299	43	23
19:00	.26	29.09	985.1	351	307	334	308	37	15
20:00	.05	29.10	985.4	355	294	335	293	27	10
21:00	.00	29.10	985.5	4	299	17	299	18	8
22:00	.00	29.11	985.7	39	327	70	325	28	21
23:00	.00	29.12	986.0	43	355	59	353	27	21
Avg	.38	29.10	985.3	308	272	0	0	38	24
Max	1.33	29.13	986.4	355	355	359	353	67	59
Hr. of Max	12	09	09	20	23	00	23	05	06
Min	.00	29.06	984.0	4	70	17	71	18	8
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	.5	6.4	1.1	7.7	.5	3.5	7.6	21.5
01:00	.9 P	3.9 P	1.7 P	6.1 P	.8 P	2.8 P	<	<
02:00	1.3	4.9	2.6	6.9	1.2	3.1	8.7	12.1
03:00	3.9	9.9	4.7	10.6	2.1	4.8	16.9	25.0
04:00	3.7	9.4	5.0	13.0	2.3	5.8	16.9	25.6
05:00	.5	5.0	1.8	5.8	.8	2.6	8.0	12.1
06:00	1.5	2.3	2.2	5.2	1.0	2.3	11.2	14.0
07:00	.6	1.7	1.9	5.1	.9	2.3	8.9	16.0
08:00	3.6	5.2	3.8	5.5	1.7	2.5	12.8	15.3
09:00	5.7	7.9	6.1	8.2	2.7	3.7	11.7	16.9
10:00	3.4	5.3	3.9	5.6	1.7	2.5	11.0	11.2
11:00	4.2	6.4	4.8	6.7	2.2	3.0	12.6	13.1
12:00	5.2	8.8	5.8	9.3	2.6	4.2	13.7	19.5
13:00	5.2	7.3	5.7	7.8	2.5	3.5	13.7	16.9
14:00	4.8	6.7	5.5	7.3	2.5	3.3	12.8	16.5
15:00	5.8	8.2	6.2	8.4	2.8	3.8	16.7	16.0
16:00	2.2	8.1	2.7	8.8	1.2	3.9	12.8	16.3
17:00	1.2	10.2	1.5	10.5	.7	4.7	8.7	15.8
18:00	1.5	7.8	1.8	8.5	.8	3.8	8.0	14.7
19:00	.7	7.3	.9	7.6	.4	3.4	5.7	13.1
20:00	.6	6.3	.8	6.4	.3	2.9	4.1	9.6
21:00	.5	4.1	.7	4.1	.3	1.8	2.5	6.4
22:00	.2	3.0	.3	3.2	.1	1.4	2.1	5.5
23:00	.3	2.6	.4	2.9	.2	1.3	3.0	4.8
Avg	4.1	4.1	3.0	7.1	1.3	3.2	10.0	14.7
Max	5.8	10.2	6.2	13.0	2.8	5.8	16.9	25.6
Hr. of Max	15	17	15	04	15	04	04	04
Min	.2	1.7	.3	2.9	.1	1.3	2.1	4.8
Count	24	24	24	24	24	24	23	23
Total								