Date Printed: 07/06/2016 12:00

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

Daily Summary Report

Site: Tower "K" (1208)

7/5/2016

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	26.7	27.0	80.0	80.6	.3	21.0	69.8	73.0	18.0
01:00	26.0	26.5	78.8	79.7	.5	21.2	70.2	76.9	18.3
02:00	25.0	25.2	76.9	77.4	.2	22.1	71.8	87.0	19.5
03:00	23.6	23.8	74.4	74.8	.2	22.7	72.9	97.8	20.3
04:00	23.1	23.6	73.6	74.5	.5	22.3	72.2	98.1	19.8
05:00	23.4	24.0	74.1	75.3	.7	22.6	72.6	98.0	20.1
06:00	23.7	23.7	74.6	74.6	.0	22.8	73.0	97.6	20.3
07:00	23.3	23.0	73.9	73.5	-.2	22.4	72.4	97.9	19.9
08:00	23.2	22.9	73.8	73.3	-.3	22.4	72.4	98.1	19.9
09:00	23.9	23.3	75.0	74.0	-.6	23.0	73.3	97.3	20.5
10:00	24.0	23.5	75.3	74.4	-.5	22.9	73.3	96.4	20.5
11:00	24.9	24.1	76.8	75.4	-.8	23.1	73.5	92.5	20.6
12:00	26.6	25.5	79.9	77.8	-1.1	22.4	72.3	80.6	19.7
13:00	28.6	27.3	83.4	81.1	-1.3	21.1	69.9	65.8	18.0
14:00	30.0	28.6	85.9	83.5	-1.4	20.9	69.6	60.2	17.8
15:00	27.4	26.7	81.4	80.0	-.8	21.1	70.0	71.5	
16:00									
17:00	<	<	<	<	<	<	<	<	<
18:00	24.7	24.2	76.4	75.6	-.5	23.4	74.1	95.4	21.0
19:00	24.9	24.4	76.8	75.9	-.5	22.2	71.9	87.3	19.5
20:00	24.3	24.0	75.7	75.2	-.3	22.5	72.4	92.2	19.9
21:00	23.7	23.5	74.6	74.3	-.1	22.8	73.0	97.5	20.3
22:00	23.4	23.2	74.1	73.8	-.1	22.5	72.5	97.5	20.0
23:00	23.0	23.0	73.3	73.4	.0	22.1	71.8	97.7	19.5
Avg	24.9	24.6	76.8	76.3	-.3	22.3	72.0	88.9	19.7
Max	30.0	28.6	85.9	83.5	.7	23.4	74.1	98.1	21.0
Hr. of Max	14	14	14	14	05	18	18	08	18
Min	23.0	22.9	73.3	73.3	-1.4	20.9	69.6	60.2	17.8
Count	22	22	22	22	22	22	22	22	21
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	0.0162	0.0222	25.0	35.1	2427927.2	.0	.00	.00	-2.4
01:00	0.0164	0.0214	25.3	33.8	2429484.2	.0	.00	.00	-2.1
02:00	0.0174	0.0201	26.8	31.7	2431981.6	2.0	.08	.08	-1.4
03:00	0.0181	0.0185	27.7	29.2	2435284.3	.3	.01	.09	-2.5
04:00	0.0176	0.0179	27.0	28.4	2436408.5	.0	.00	.09	-2.9
05:00	0.0179	0.0182	27.5	28.8	2435775.5	.0	.00	.09	-2.6
06:00	0.0181	0.0185	27.8	29.3	2435109.7	.5	.02	.11	4.3
07:00	0.0177	0.0181	27.2	28.6	2436033.3	2.0	.08	.19	17.0
08:00	0.0177	0.018	27.2	28.5	2436164.8	.3	.01	.20	93.4
09:00	0.0183	0.0188	28.1	29.7	2434534.5	.0	.00	.20	93.6
10:00	0.0182	0.0189	28.1	30.0	2434212.9	4.3	.17	.37	84.8
11:00	0.0184	0.02	28.3	31.6	2432155.4	.3	.01	.38	420.0
12:00	0.0177	0.0221	27.3	35.0	2428116.4	.0	.00	.38	676.7
13:00	0.0163	0.0248	25.1	39.2	2423463.3	.0	.00	.38	794.2 +
14:00	0.0161	0.0269	24.9	42.5	2420149.4	.0	.00	.38	853.6
15:00	0.0163	0.0235	25.2	37.1	2426149.8	17.8	.70	1.08	170.2
16:00						3.6	.14	1.22	
17:00	<	<	<	<	<	.0	.00	1.22	<
18:00	0.0188	0.0197	28.9	31.2	2432651.9	.0	.00	1.22	153.5
19:00	0.0174	0.0199	26.8	31.6	2432172.6	.0	.00	1.22	86.4
20:00	0.0177	0.0192	27.3	30.5	2433577.4	.0	.00	1.22	19.5
21:00	0.0181	0.0185	27.8	29.3	2435111.0	.0	.00	1.22	-2.1
22:00	0.0178	0.0182	27.4	28.8	2435731.9	.0	.00	1.22	-2.3
23:00	0.0173	0.0177	26.7	28.1	2436741.9	.0	.00	1.22	-2.6
Avg	0.0175	0.02	27.0	31.7	2432224.4	1.3	.05	.57	156.7
Max	0.0188	0.0269	28.9	42.5	2436741.9	17.8	.70	1.22	853.6
Hr. of Max	18	14	18	14	23	15	15	23	14
Min	0.0161	0.0177	24.9	28.1	2420149.4	.0	.00	.00	-2.9
Count	22	22	22	22	22	24	24	24	22
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	29.02	982.7	54	237	100	243	31	33
01:00	.00	29.02	982.6	29	277	13	289	24	14
02:00	.00	29.02	982.7	300	285	266	278	54	21
03:00	.00	29.01	982.6	223	248	192	246	42	10
04:00	.00	29.02	982.7	111	243	163	240	40	10
05:00	.00	29.04	983.4	242	247	231	248	27	8
06:00	.01	29.06	984.0	235	251	236	252	21	9
07:00	.02	29.07	984.6	249	236	251	238	33	12
08:00	.13	29.08	984.9	215	212	212	211	20	7
09:00	.13	29.09	985.1	251	237	253	238	21	13
10:00	.12	29.09	985.3	265	238	258	249	28	18
11:00	.60	29.09	985.0	240	225	239	226	38	24
12:00	.97	29.08	984.9	237	225	241	227	23	13
13:00	1.14 +	29.07	984.5	243	232	246	232	23	12
14:00	1.22	29.06	984.1	245	234	248	235	20	12
15:00	.24	29.07	984.4	245	233	249	235	23	16
16:00		29.07	984.4						
17:00	<	29.07	984.4	<	<	<	<	<	<
18:00	.22	29.07	984.6	230	216	240	221	42	17
19:00	.12	29.08	984.7	239	223	239	226	29	15
20:00	.03	29.07	984.6	208	210	207	209	47	13
21:00	.00	29.07	984.5	232	223	230	221	22	10
22:00	.00	29.08	984.8	217	219	203	218	61	11
23:00	.00	29.09	985.2	206	210	205	210	21	8
Avg	.23	29.06	984.2	237	234	0	0	31	14
Max	1.22	29.09	985.3	300	285	266	289	61	33
Hr. of Max	14	23	10	02	02	02	01	22	00
Min	.00	29.01	982.6	29	210	13	209	20	7
Count	22	24	24	22	22	22	22	22	22
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	.6	1.5	1.1	1.9	.5	.9	3.7	5.0
01:00	.1	.8	.2	.8	.1	.4	2.1	3.0
02:00	.5	4.4	1.9	5.8	.9	2.6	6.6	16.3
03:00	.8	4.3	1.1	4.3	.5	1.9	4.1	9.2
04:00	.4	4.2	.8	4.2	.4	1.9	2.7	8.9
05:00	1.3	7.9	1.6	7.9	.7	3.6	4.4	13.3
06:00	2.2	6.5	2.4	6.5	1.1	2.9	5.5	14.4
07:00	2.0	6.0	2.6	6.6	1.2	3.0	7.6	11.7
08:00	2.8	6.9	3.0	7.0	1.4	3.2	7.6	10.8
09:00	2.1	3.3	2.2	3.4	1.0	1.5	4.8	8.7
10:00	1.9	4.0	2.3	4.9	1.0	2.2	6.6	14.7
11:00	1.9	3.7	2.3	4.0	1.0	1.8	8.2	10.5
12:00	6.3	10.9	6.8	11.1	3.1	5.0	16.9	22.2
13:00	7.7	11.8	8.3	12.0	3.7	5.4	17.6	19.2
14:00	7.5	10.3	8.0	10.6	3.6	4.7	16.3	17.6
15:00	9.4	16.2	10.6	17.2	4.7	7.7	-999.0	50.4
16:00								
17:00	<	<	<	<	<	<	<	<
18:00	2.7	5.7	3.1	5.9	1.4	2.7	10.8	14.2
19:00	3.2	5.6	3.5	5.8	1.6	2.6	11.0	14.0
20:00	2.2	5.9	2.4	6.0	1.1	2.7	5.7	11.2
21:00	1.9	5.4	2.1	5.5	.9	2.5	5.3	8.9
22:00	.9	4.3	1.1	4.4	.5	2.0	3.0	8.7
23:00	2.0	6.8	2.3	6.9	1.0	3.1	5.3	9.8
Avg	2.9	2.9	3.2	6.4	1.4	2.9	-38.3	13.8
Max	9.4	16.2	10.6	17.2	4.7	7.7	17.6	50.4
Hr. of Max	15	15	15	15	15	15	13	15
Min	.1	.8	.2	.8	.1	.4	-999.0	3.0
Count	22	22	22	22	22	22	22	22
Total								