Date Printed: 06/10/2016 10:33

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

Daily Summary Report

Site: Tower "K" (1208)

6/8/2016

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	17.2	19.2	63.0	66.6	2.0	12.6	54.7	75.7	10.9
01:00	16.0	18.1	60.7	64.5	2.1	13.0	55.3	83.7	11.2
02:00	15.2	17.1	59.3	62.8	1.9	13.2	55.8	89.4	11.4
03:00	14.7	16.3	58.5	61.3	1.6	12.8	55.1	90.0	11.2
04:00	13.7	15.7	56.7	60.3	2.0	12.6	54.7	94.3	11.0
05:00	13.1	15.4	55.6	59.8	2.3	12.4	54.4	97.1	10.9
06:00	12.5	14.7	54.6	58.4	2.1	11.9	53.4	97.2	10.6
07:00	13.3	14.7	56.0	58.4	1.3	8.7	47.6	74.9	8.6
08:00	15.8	16.0	60.4	60.8	.2	6.1	43.0	53.5	7.1
09:00	18.8	18.3	65.8	65.0	-.5	5.4	41.8	42.3	6.7
10:00	21.5	21.0	70.7	69.8	-.5	4.0	39.2	32.5	6.1
11:00	23.0	22.0	73.4	71.6	-1.0	5.1	41.2	32.1	6.6
12:00	24.1	22.8	75.3	73.1	-1.2	6.4	43.5	32.9	7.1
13:00	25.0	24.1	77.0	75.4	-.9	6.8	44.3	32.0	7.3
14:00	25.9	24.8	78.6	76.7	-1.1	6.7	44.0	30.2	7.3
15:00	26.2	25.4	79.2	77.7	-.9	6.3	43.4	28.9	7.1
16:00	26.7	25.8	80.1	78.4	-1.0	5.8	42.4	27.1	6.8
17:00	26.8	25.8	80.2	78.5	-.9	5.6	42.1	26.6	6.7
18:00	26.4	25.8	79.5	78.4	-.6	5.5	41.9	27.0	6.7
19:00	25.5	25.2	77.9	77.4	-.3	5.7	42.3	28.9	6.8
20:00	23.4	23.9	74.1	75.0	.5	8.4	47.0	39.9	8.2
21:00	20.9	22.4	69.6	72.4	1.5	12.3	54.2	59.1	10.6
22:00	19.4	21.0	66.9	69.8	1.6	11.6	52.9	61.9	10.2
23:00	17.5	19.6	63.5	67.2	2.1	12.7	54.8	74.7	11.0
Avg	20.1	20.6	68.2	69.1	.5	8.8	47.9	55.5	8.7
Max	26.8	25.8	80.2	78.5	2.3	13.2	55.8	97.2	11.4
Hr. of Max	17	18	17	17	05	02	02	06	02
Min	12.5	14.7	54.6	58.4	-1.2	4.0	39.2	26.6	6.1
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	0.0094	0.0125	14.7	19.7	2450434.8	.0	.00	.00	-3.1
01:00	0.0096	0.0115	15.0	18.2	2453365.0	.0	.00	.00	-3.1
02:00	0.0098	0.011	15.2	17.3	2455242.0	.0	.00	.00	-3.1
03:00	0.0096	0.0106	14.9	16.8	2456353.8	.0	.00	.00	-3.2
04:00	0.0094	0.01	14.6	15.8	2458637.0	.0	.00	.00	-3.2
05:00	0.0093	0.0096	14.5	15.1	2460115.7	.0	.00	.00	-3.2
06:00	0.0089	0.0092	13.9	14.6	2461492.0	.0	.00	.00	9.7
07:00	0.0072	0.0097	11.3	15.3	2459590.2	.0	.00	.00	162.8
08:00	0.0061	0.0114	9.5	18.0	2453786.4	.0	.00	.00	350.9
09:00	0.0058	0.0138	9.1	21.8	2446648.9	.0	.00	.00	556.9
10:00	0.0053	0.0162	8.3	25.7	2440287.7	.0	.00	.00	735.5
11:00	0.0057	0.0178	9.0	28.2	2436684.5	.0	.00	.00	865.5
12:00	0.0063	0.019	9.8	30.1	2434105.2	.0	.00	.00	948.1
13:00	0.0064	0.0201	10.1	31.8	2431865.6	.0	.00	.00	982.7
14:00	0.0064	0.0212	10.0	33.5	2429807.1	.0	.00	.00	957.4
15:00	0.0063	0.0216	9.8	34.2	2429009.7	.0	.00	.00	874.4
16:00	0.006	0.0223	9.4	35.2	2427827.3	.0	.00	.00	744.2
17:00	0.006	0.0224	9.3	35.3	2427694.2	.0	.00	.00	578.0
18:00	0.0059	0.0219	9.2	34.5	2428561.2	.0	.00	.00	383.9
19:00	0.006	0.0207	9.4	32.7	2430734.5	.0	.00	.00	180.4
20:00	0.0072	0.0183	11.3	28.9	2435708.8	.0	.00	.00	29.1
21:00	0.0093	0.0157	14.4	24.8	2441664.8	.0	.00	.00	-2.3
22:00	0.0088	0.0143	13.8	22.6	2445247.1	.0	.00	.00	-2.8
23:00	0.0094	0.0127	14.7	20.0	2449750.5	.0	.00	.00	-2.9
Avg	0.0075	0.0156	11.7	24.6	2443525.6	.0	.00	.00	347.2
Max	0.0098	0.0224	15.2	35.3	2461492.0	.0	.00	.00	982.7
Hr. of Max	02	17	02	17	06	23	23	23	13
Min	0.0053	0.0092	8.3	14.6	2427694.2	.0	.00	.00	-3.2
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	28.96	980.7	42	281	121	282	60	17
01:00	.00	28.97	981.0	352	271	297	274	29	11
02:00	.00	28.97	981.2	29	303	50	302	15	6
03:00	.00	28.98	981.4	16	317	43	315	21	6
04:00	.00	28.99	981.7	24	299	48	297	37	10
05:00	.00	29.01	982.4	26	303	48	304	27	5
06:00	.01	29.03	983.3	57	306	54	303	34	12
07:00	.23	29.05	983.8	47	317	58	318	21	11
08:00	.50	29.06	984.0	340	303	275	303	37	53
09:00	.80	29.06	984.1	308	240	279	248	53	58
10:00	1.05	29.06	984.0	306	269	276	264	56	53
11:00	1.24	29.05	983.9	87	82	165	71	67	44
12:00	1.36	29.05	983.6	193	193	214	219	66	49
13:00	1.41	29.03	983.2	294	303	280	301	42	27
14:00	1.37	29.02	982.7	288	305	280	304	56	39
15:00	1.25	29.00	982.2	292	294	284	293	34	27
16:00	1.07	29.00	982.0	294	289	285	290	34	16
17:00	.83	28.99	981.8	292	292	287	292	25	10
18:00	.55	28.99	981.7	299	297	290	296	31	13
19:00	.26	29.01	982.3	309	299	302	299	29	10
20:00	.04	29.02	982.9	19	324	19	323	23	7
21:00	.00	29.04	983.4	23	342	40	342	20	8
22:00	.00	29.06	984.1	50	5	69	3	18	11
23:00	.00	29.08	984.7	10	47	168	47	64	23
Avg	.50	29.02	982.8	352	303	0	0	37	22
Max	1.41	29.08	984.7	352	342	302	342	67	58
Hr. of Max	13	23	23	01	21	19	21	11	09
Min	.00	28.96	980.7	10	5	19	3	15	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	.1	2.0	.5	2.0	.2	.9	2.1	3.9
01:00	.0	2.3	.1	2.3	.0	1.1	1.6	5.0
02:00	.1	4.2	.1	4.2	.0	1.9	1.1	6.2
03:00	.2	4.2	.2	4.2	.1	1.9	1.6	8.2
04:00	.2	2.3	.3	2.4	.1	1.1	2.1	4.1
05:00	.1	3.2	.2	3.2	.1	1.4	1.6	5.0
06:00	.2	2.4	.4	2.5	.2	1.1	1.8	4.4
07:00	.1	2.0	.1	2.0	.1	.9	1.8	3.7
08:00	.1	.7	.2	.7	.1	.4	2.3	3.0
09:00	.5	.5	.8	.8	.4	.4	2.7	3.0
10:00	1.2	1.4	1.7	1.9	.8	.9	6.4	6.4
11:00	.2	1.1	2.0	2.9	.9	1.3	6.4	8.0
12:00	1.1	1.5	2.4	3.7	1.1	1.7	9.2	14.2
13:00	3.3	5.8	3.9	7.4	1.7	3.3	12.4	14.7
14:00	2.6	6.1	3.4	7.1	1.5	3.2	11.2	18.3
15:00	4.0	7.4	4.5	8.0	2.0	3.6	15.3	19.2
16:00	4.7	9.9	5.2	10.2	2.3	4.6	15.3	18.8
17:00	4.8	10.7	5.2	10.9	2.3	4.9	14.4	18.3
18:00	3.7	10.4	4.1	10.6	1.8	4.7	14.2	16.5
19:00	2.7	9.9	3.0	10.0	1.3	4.5	12.1	16.0
20:00	.9	7.3	1.1	7.5	.5	3.4	6.6	11.9
21:00	.3	5.9	.3	5.9	.1	2.7	2.3	8.7
22:00	.9	5.2	1.0	5.8	.4	2.6	4.4	7.3
23:00	.0	1.8	.2	1.9	.1	.9	1.6	3.7
Avg	1.2	1.2	1.7	4.9	.8	2.2	6.3	9.5
Max	4.8	10.7	5.2	10.9	2.3	4.9	15.3	19.2
Hr. of Max	17	17	17	17	17	17	16	15
Min	.0	.5	.1	.7	.0	.4	1.1	3.0
Count	24	24	24	24	24	24	24	24
Total								