Date Printed: 10/10/2016 09:25

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

Daily Summary Report

Site: Tower "K" (1208)

10/8/2016

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	19.2	21.2	66.6	70.1	1.9	17.2	63.0	90.0	14.6
01:00	18.7	21.1	65.6	69.9	2.4	16.7	62.1	90.1	14.2
02:00	17.9	20.9	64.2	69.5	3.0	15.8	60.4	89.3	13.4
03:00	17.3	19.4	63.2	67.0	2.1	15.5	60.0	90.9	13.2
04:00	17.6	18.7	63.7	65.6	1.1	14.4	58.0	83.5	12.3
05:00	17.2	19.1	63.0	66.4	1.9	14.2	57.5	83.7	12.1
06:00	16.3	19.4	61.4	66.9	3.1	14.2	57.6	89.1	12.2
07:00	17.3	19.0	63.2	66.3	1.7	14.4	58.0	84.7	12.3
08:00	16.8	19.5	62.2	67.2	2.7	13.4	56.2	82.1	11.6
09:00	18.2	19.9	64.8	67.9	1.8	12.5	54.6	71.3	10.9
10:00	21.6	21.1	70.8	70.0	-.5	11.3	52.4	53.3	10.0
11:00	21.4	20.8	70.5	69.4	-.6	13.2	55.8	60.8	11.2
12:00	21.6	20.8	70.8	69.5	-.7	13.2	55.7	60.0	11.2
13:00	21.9	21.0	71.5	69.9	-.9	12.6	54.6	56.4	10.8
14:00	22.4	21.2	72.3	70.2	-1.2	10.9	51.7	49.3	9.7
15:00	23.6	22.4	74.4	72.3	-1.2	9.2	48.5	41.1	8.6
16:00	24.1	22.9	75.3	73.3	-1.1	7.3	45.1	34.9	7.6
17:00	23.8	23.1	74.9	73.5	-.8	4.7	40.5	29.8	6.4
18:00	22.3	22.0	72.1	71.7	-.3	1.8	35.3	26.6	5.2
19:00	20.2	20.3	68.4	68.6	.1	3.3	38.0	33.5	5.8
20:00	18.9	19.2	66.0	66.6	.3	2.9	37.2	35.1	5.7
21:00	17.3	18.3	63.2	64.9	1.0	3.8	38.8	41.3	6.0
22:00	16.9	17.2	62.3	62.9	.3	3.3	38.0	41.2	5.9
23:00	16.1	16.2	60.9	61.2	.2	2.6	36.7	41.1	5.6
Avg	19.5	20.2	67.1	68.4	.7	10.4	50.7	60.8	9.9
Max	24.1	23.1	75.3	73.5	3.1	17.2	63.0	90.9	14.6
Hr. of Max	16	17	16	17	06	00	00	03	00
Min	16.1	16.2	60.9	61.2	-1.2	1.8	35.3	26.6	5.2
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	0.0127	0.0141	19.7	22.4	2445601.5	.0	.00	.00	-2.9
01:00	0.0123	0.0137	19.1	21.6	2446887.6	.0	.00	.00	-3.0
02:00	0.0116	0.013	18.0	20.5	2448794.8	.0	.00	.00	-3.0
03:00	0.0114	0.0126	17.7	19.8	2450101.1	.0	.00	.00	-3.1
04:00	0.0106	0.0128	16.5	20.2	2449517.0	.0	.00	.00	-3.0
05:00	0.0104	0.0125	16.2	19.7	2450341.8	.0	.00	.00	-3.0
06:00	0.0105	0.0118	16.3	18.6	2452551.3	.0	.00	.00	-3.1
07:00	0.0106	0.0125	16.5	19.8	2450136.4	.0	.00	.00	-.7
08:00	0.0099	0.0121	15.5	19.2	2451425.6	.0	.00	.00	27.7
09:00	0.0094	0.0133	14.6	21.0	2448068.0	.0	.00	.00	211.3
10:00	0.0087	0.0163	13.6	25.8	2440032.6	.0	.00	.00	402.1
11:00	0.0098	0.0161	15.3	25.6	2440439.6	.0	.00	.00	212.8
12:00	0.0098	0.0163	15.3	25.8	2440048.9	.0	.00	.00	259.6
13:00	0.0094	0.0167	14.7	26.4	2439185.2	.0	.00	.00	376.9
14:00	0.0085	0.0172	13.2	27.2	2438077.4	.0	.00	.00	530.2
15:00	0.0075	0.0184	11.8	29.2	2435337.3	.0	.00	.00	518.8
16:00	0.0066	0.019	10.4	30.1	2434100.0	.0	.00	.00	459.2
17:00	0.0056	0.0187	8.8	29.6	2434691.3	.0	.00	.00	283.0
18:00	0.0045	0.017	7.1	27.0	2438324.8	.0	.00	.00	84.6
19:00	0.005	0.015	7.9	23.8	2443288.8	.0	.00	.00	-.3
20:00	0.0048	0.0138	7.6	21.9	2446390.2	.0	.00	.00	-2.8
21:00	0.0051	0.0125	8.1	19.8	2450163.4	.0	.00	.00	-2.8
22:00	0.005	0.0121	7.9	19.2	2451243.8	.0	.00	.00	-3.2
23:00	0.0047	0.0115	7.5	18.3	2453152.8	.0	.00	.00	-3.1
Avg	0.0085	0.0145	13.3	23.0	2444912.6	.0	.00	.00	138.8
Max	0.0127	0.019	19.7	30.1	2453152.8	.0	.00	.00	530.2
Hr. of Max	00	16	00	16	23	23	23	23	14
Min	0.0045	0.0115	7.1	18.3	2434100.0	.0	.00	.00	-3.2
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	29.04	983.6	21	4	52	358	25	24
01:00	.00	29.04	983.5	21	17	10	11	41	21
02:00	.00	29.04	983.4	56	2	70	1	52	29
03:00	.00	29.03	983.1	309	337	273	338	42	28
04:00	.00	29.02	982.9	335	317	305	316	51	12
05:00	.00	29.02	982.9	24	337	96	332	49	18
06:00	.00	29.04	983.3	6	334	188	343	83	31
07:00	.00	29.04	983.4	314	337	289	330	52	21
08:00	.04	29.04	983.5	242	14	210	21	41	23
09:00	.30	29.05	983.9	326	1	308	9	36	34
10:00	.58	29.07	984.5	10	17	14	17	57	27
11:00	.31	29.08	984.8	3	4	4	3	60	29
12:00	.37	29.08	984.9	9	5	5	4	55	28
13:00	.54	29.08	984.8	359	10	3	9	57	29
14:00	.76	29.07	984.6	8	11	9	11	49	26
15:00	.74	29.07	984.4	4	6	9	5	50	28
16:00	.66	29.08	984.7	11	2	12	0	58	28
17:00	.41	29.10	985.3	4	359	4	357	49	27
18:00	.12	29.13	986.4	6	0	5	359	42	29
19:00	.00	29.16	987.4	12	15	12	15	34	25
20:00	.00	29.18	988.2	20	30	23	30	38	10
21:00	.00	29.20	988.8	7	24	9	23	28	11
22:00	.00	29.21	989.1	27	20	25	19	37	23
23:00	.00	29.21	989.2	41	31	47	31	31	16
Avg	.20	29.09	985.0	4	3	0	0	47	24
Max	.76	29.21	989.2	359	359	308	359	83	34
Hr. of Max	14	23	23	13	17	09	18	06	09
Min	.00	29.02	982.9	3	0	3	0	25	10
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	.6	4.1	1.3	5.1	.6	2.3	4.1	11.0
01:00	.7	2.6	1.3	3.6	.6	1.6	3.7	6.2
02:00	1.0	3.3	1.7	3.9	.7	1.8	4.8	6.4
03:00	.6	1.8	1.0	4.0	.4	1.8	4.1	8.9
04:00	.5	5.0	.7	5.1	.3	2.3	3.2	8.7
05:00	.3	2.7	.5	2.9	.2	1.3	3.0	7.3
06:00	.3	3.1	.7	3.8	.3	1.7	3.0	11.9
07:00	.6	5.6	1.2	6.2	.5	2.8	3.4	11.2
08:00	.7	5.7	1.2	6.1	.5	2.8	3.2	15.6
09:00	1.2	4.7	1.5	5.8	.7	2.6	4.6	12.6
10:00	1.5	10.1	2.3	11.2	1.0	5.1	13.5	27.9
11:00	1.6	11.2	2.4	12.8	1.1	5.7	14.2	28.6
12:00	1.5	11.7	2.2	13.1	1.0	5.9	14.0	24.7
13:00	2.0	13.2	2.9	15.1	1.3	6.8	14.4	24.0
14:00	2.8	14.9	3.6	16.7	1.6	7.5	17.9	27.9
15:00	2.1	12.7	2.9	14.4	1.3	6.5	17.2	26.8
16:00	1.9	14.2	2.9	15.9	1.3	7.1	15.1	28.4
17:00	1.7	12.2	2.2	13.7	1.0	6.1	14.2	22.9
18:00	1.9	12.1	2.4	13.9	1.1	6.3	11.2	25.9
19:00	1.8	9.9	2.2	10.9	1.0	4.9	11.0	19.0
20:00	1.7	12.2	2.1	12.4	1.0	5.6	12.6	19.5
21:00	1.1	10.3	1.3	10.4	.6	4.7	5.7	16.5
22:00	1.8	9.7	2.3	10.4	1.0	4.7	11.7	19.7
23:00	1.7	7.5	2.1	7.8	.9	3.5	7.3	14.2
Avg	2.9	2.9	1.9	9.3	.8	4.2	9.0	17.7
Max	2.8	14.9	3.6	16.7	1.6	7.5	17.9	28.6
Hr. of Max	14	14	14	14	14	14	14	11
Min	.3	1.8	.5	2.9	.2	1.3	3.0	6.2
Count	24	24	24	24	24	24	24	24
Total								