Date Printed: 08/30/2016 02:04

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

Daily Summary Report

Site: Tower "K" (1208)

8/27/2016

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	24.6	25.4	76.3	77.7	.8	23.7	74.6	97.2	21.3
01:00	24.1	25.2	75.4	77.3	1.1	23.2	73.8	97.6	20.8
02:00	23.6	24.7	74.5	76.5	1.1	22.8	73.0	97.8	20.3
03:00	23.5	23.9	74.3	75.1	.4	22.7	72.8	97.7	20.2
04:00	23.0	23.7	73.3	74.7	.7	22.2	71.9	97.9	19.6
05:00	22.7	23.3	72.9	73.9	.5	22.0	71.5	98.0	19.4
06:00	22.5	23.7	72.5	74.7	1.2	21.7	71.1	98.1	19.1
07:00	22.3	23.2	72.1	73.8	.9	21.4	70.5	97.4	18.7
08:00	23.7	23.7	74.7	74.7	.0	18.8	65.8	75.8	15.9
09:00	26.1	25.7	78.9	78.2	-.4	18.0	64.3	62.6	15.0
10:00	28.4	27.7	83.1	81.9	-.7	18.3	64.9	55.8	15.2
11:00	30.3	29.2	86.6	84.5	-1.2	18.2	64.8	49.9	15.1
12:00	31.1	30.5	87.9	86.9	-.5	18.8	65.9	49.7	15.6
13:00	32.2	31.6	90.0	88.9	-.6	19.0	66.2	47.2	15.8
14:00	33.4	32.3	92.1	90.2	-1.1	16.9	62.4	38.7	13.8
15:00	34.2	33.2	93.5	91.7	-1.0	15.5	59.9	33.9	12.6
16:00	32.5	32.1	90.5	89.7	-.4	18.4	65.2	45.3	15.3
17:00	32.3	31.9	90.2	89.4	-.4	19.2	66.6	47.8	16.1
18:00	30.6	30.4	87.0	86.7	-.2	20.9	69.7	58.4	17.8
19:00	29.4	28.8	84.9	83.9	-.6	19.3	66.8	56.5	16.2
20:00	27.4	28.0	81.2	82.4	.7	21.9	71.4	74.4	19.0
21:00	25.5	26.2	77.9	79.2	.7	22.2	72.0	84.5	19.5
22:00	24.8	25.5	76.7	77.9	.7	21.4	70.6	83.8	18.7
23:00	24.4	25.2	75.9	77.4	.8	21.1	70.1	84.4	18.3
Avg	27.2	27.3	80.9	81.1	.1	20.3	68.6	72.1	17.5
Max	34.2	33.2	93.5	91.7	1.2	23.7	74.6	98.1	21.3
Hr. of Max	15	15	15	15	06	00	00	06	00
Min	22.3	23.2	72.1	73.8	-1.2	15.5	59.9	33.9	12.6
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	0.019	0.0196	29.3	31.1	2432806.0	.0	.00	.00	-2.6
01:00	0.0185	0.019	28.6	30.2	2433984.5	.0	.00	.00	-2.7
02:00	0.018	0.0184	27.8	29.3	2435164.8	.0	.00	.00	-2.2
03:00	0.0179	0.0183	27.6	29.1	2435424.2	.0	.00	.00	-2.6
04:00	0.0173	0.0177	26.8	28.1	2436741.0	.0	.00	.00	-2.6
05:00	0.0171	0.0175	26.5	27.7	2437273.7	.0	.00	.00	-2.6
06:00	0.0169	0.0172	26.1	27.3	2437911.7	.0	.00	.00	-2.7
07:00	0.0165	0.017	25.6	26.9	2438420.0	.0	.00	.00	35.4
08:00	0.014	0.0185	21.8	29.5	2434914.7	.0	.00	.00	203.5
09:00	0.0133	0.0213	20.7	33.9	2429371.1	.0	.00	.00	407.1
10:00	0.0136	0.0244	21.2	38.9	2423828.5	.0	.00	.00	593.8
11:00	0.0136	0.0273	21.2	43.4	2419259.2	.0	.00	.00	729.5
12:00	0.0141	0.0285	22.0	45.2	2417546.0	.0	.00	.00	752.8
13:00	0.0143	0.0304	22.2	48.3	2414818.0	.0	.00	.00	905.4
14:00	0.0126	0.0325	19.6	51.6	2411979.1	.0	.00	.00	899.4
15:00	0.0115	0.034	17.9	53.9	2410111.0	.0	.00	.00	796.1
16:00	0.014	0.031	21.6	49.1	2414147.3	.0	.00	.00	195.8
17:00	0.0146	0.0307	22.7	48.6	2414509.9	.0	.00	.00	252.8
18:00	0.0162	0.0277	25.0	44.0	2418719.9	.0	.00	.00	128.8
19:00	0.0146	0.0259	22.7	41.1	2421519.6	.0	.00	.00	87.2
20:00	0.0171	0.023	26.4	36.5	2426330.4	.3	.01	.00	-1.6
21:00	0.0174	0.0206	26.9	32.7	2430724.8	.0	.00	.00	-2.4
22:00	0.0166	0.0198	25.7	31.4	2432317.0	.0	.00	.00	-2.5
23:00	0.0163	0.0193	25.2	30.6	2433380.2	.0	.00	.00	-2.6
Avg	0.0156	0.0233	24.2	37.0	2426716.8	.0	.00	.00	248.4
Max	0.019	0.034	29.3	53.9	2438420.0	.3	.01	.00	905.4
Hr. of Max	00	15	00	15	07	20	20	23	13
Min	0.0115	0.017	17.9	26.9	2410111.0	.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	29.16	987.6	356	283	39	279	22	26
01:00	.00	29.16	987.6	358	220	353	211	49	33
02:00	.00	29.15	987.2	43	340	70	338	67	39
03:00	.00	29.14	987.0	53	138	49	126	47	38
04:00	.00	29.14	986.7	287	349	204	263	38	39
05:00	.00	29.14	986.8	49	338	54	345	31	33
06:00	.00	29.14	987.0	43	42	78	43	28	26
07:00	.05	29.16	987.6	36	46	52	50	26	14
08:00	.29	29.18	988.2	32	63	41	63	35	14
09:00	.58	29.19	988.5	34	66	51	66	28	24
10:00	.85	29.20	988.7	58	71	69	72	48	27
11:00	1.05	29.19	988.7	233	200	228	204	53	50
12:00	1.08	29.18	988.3	273	281	265	278	56	32
13:00	1.30	29.17	987.8	276	260	263	255	60	45
14:00	1.29	29.15	987.3	254	244	248	242	48	48
15:00	1.14	29.13	986.5	274	286	260	296	50	38
16:00	.28	29.11	985.9	232	242	240	243	70	31
17:00	.36	29.11	985.7	244	234	253	236	49	18
18:00	.18	29.13	986.4	102	121	101	114	25	25
19:00	.12	29.14	986.8	149	200	207	190	67	30
20:00	.00	29.16	987.5	80	156	83	131	41	51
21:00	.00	29.19	988.4	64	81	69	79	23	10
22:00	.00	29.20	988.8	73	63	75	64	19	6
23:00	.00	29.20	989.0	55	64	72	66	27	6
Avg	.36	29.16	987.5	25	10	0	0	42	29
Max	1.30	29.20	989.0	358	349	353	345	70	51
Hr. of Max	13	23	23	01	04	01	05	16	20
Min	.00	29.11	985.7	32	42	39	43	19	6
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	.4	1.3	.7	1.5	.3	.7	3.4	3.2
01:00	.2	1.3	.6	1.4	.3	.6	2.5	3.0
02:00	.3	.4	.7	1.2	.3	.6	3.0	3.7
03:00	.2	1.3	.9	2.1	.4	.9	3.2	3.9
04:00	.4	.5	1.1	1.7	.5	.8	3.2	3.9
05:00	.8	1.9	1.0	2.4	.4	1.1	2.7	5.0
06:00	.8	2.5	1.0	3.0	.5	1.4	3.7	5.0
07:00	.2	2.6	.2	2.7	.1	1.2	1.6	6.0
08:00	.4	4.2	.5	4.2	.2	1.9	3.4	8.0
09:00	1.2	3.3	1.4	3.4	.6	1.6	5.5	6.6
10:00	1.2	2.7	1.7	3.0	.8	1.4	6.0	7.3
11:00	1.9	2.3	2.7	2.9	1.2	1.3	9.6	9.4
12:00	2.1	2.9	2.8	3.7	1.2	1.7	9.2	9.4
13:00	2.1	2.6	3.2	4.5	1.4	2.0	10.1	10.3
14:00	2.9	4.0	3.8	4.8	1.7	2.2	12.1	14.4
15:00	2.2	2.7	3.4	5.2	1.5	2.3	8.7	11.0
16:00	1.4	3.3	2.1	3.7	.9	1.7	8.2	7.6
17:00	1.2	2.9	1.9	3.1	.8	1.4	6.9	6.9
18:00	3.0	8.6	3.2	9.0	1.4	4.1	15.3	22.2
19:00	.7	1.9	1.4	2.9	.6	1.3	7.3	10.3
20:00	1.4	2.1	1.8	2.9	.8	1.3	7.8	10.5
21:00	2.7	8.2	2.9	8.7	1.3	3.9	7.6	13.1
22:00	3.2	11.0	3.4	11.1	1.5	5.0	8.2	15.6
23:00	1.8	8.4	2.0	8.4	.9	3.8	9.8	16.3
Avg	1.3	1.3	1.9	4.0	.8	1.8	6.6	8.9
Max	3.2	11.0	3.8	11.1	1.7	5.0	15.3	22.2
Hr. of Max	22	22	14	22	14	22	18	18
Min	.2	.4	.2	1.2	.1	.6	1.6	3.0
Count	24	24	24	24	24	24	24	24
Total								