Date Printed: 08/29/2016 12:28

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

Daily Summary Report

Site: Tower "K" (1208)

8/28/2016

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	23.8	24.3	74.9	75.7	.5	21.1	69.9	86.9	18.3
01:00	23.0	23.6	73.4	74.5	.6	21.4	70.5	92.9	18.7
02:00	22.4	23.1	72.3	73.5	.7	21.5	70.7	97.3	18.9
03:00	22.0	22.9	71.7	73.2	.8	21.2	70.2	97.5	18.5
04:00	21.6	22.4	70.9	72.4	.8	20.8	69.4	97.7	18.1
05:00	21.3	21.9	70.3	71.5	.7	20.5	68.9	97.8	17.8
06:00	21.1	21.7	69.9	71.1	.6	20.3	68.6	97.9	17.6
07:00	21.0	21.7	69.7	71.1	.8	19.9	67.9	96.1	17.2
08:00	22.4	22.4	72.4	72.4	.0	17.0	62.5	73.0	14.2
09:00	25.6	24.9	78.0	76.8	-.7	17.0	62.5	60.5	14.1
10:00	27.4	26.9	81.3	80.4	-.5	16.8	62.3	53.9	13.9
11:00	29.4	28.7	84.9	83.6	-.7	16.0	60.9	45.8	13.2
12:00	30.8	30.3	87.4	86.5	-.5	16.3	61.4	43.1	13.4
13:00	31.7	31.1	89.1	88.0	-.6	17.6	63.7	44.3	14.5
14:00	33.3	32.3	91.9	90.1	-1.0	16.3	61.4	37.6	13.4
15:00	33.8	32.8	92.8	91.0	-1.0	15.1	59.3	33.9	12.4
16:00	34.0	33.2	93.2	91.7	-.8	14.4	57.9	31.9	11.8
17:00	33.4	32.9	92.1	91.2	-.5	15.8	60.5	36.3	13.0
18:00	26.4 P	26.3 P	79.5 P	79.3 P	-.1 P	P	P	79.6 P	18.6 P
19:00	23.1	23.5	73.5	74.2	.4	22.3	72.1	97.9	19.7
20:00	22.9	23.0	73.2	73.5	.2	22.1	71.7	97.9	19.5
21:00	22.8	23.0	73.1	73.4	.2	22.0	71.6	98.0	19.4
22:00	22.5	23.6	72.6	74.5	1.1	21.7	71.1	97.8	19.1
23:00	22.5	22.6	72.5	72.7	.1	21.7	71.0	97.8	19.0
Avg	25.8	25.8	78.4	78.4	.0	19.1	66.3	74.7	16.4
Max	34.0	33.2	93.2	91.7	1.1	22.3	72.1	98.0	19.7
Hr. of Max	16	16	16	16	22	19	19	21	19
Min	21.0	21.7	69.7	71.1	-1.0	14.4	57.9	31.9	11.8
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	0.0162	0.0186	25.1	29.6	2434703.8	.0	.00	.00	-2.7
01:00	0.0165	0.0177	25.5	28.2	2436621.3	.0	.00	.00	-2.6
02:00	0.0166	0.0171	25.7	27.2	2438096.2	.0	.00	.00	-2.9
03:00	0.0163	0.0167	25.3	26.6	2438931.8	.0	.00	.00	-2.6
04:00	0.0159	0.0163	24.6	25.9	2439994.8	.0	.00	.00	-2.7
05:00	0.0156	0.016	24.2	25.4	2440749.8	.0	.00	.00	-2.7
06:00	0.0154	0.0157	23.9	25.0	2441250.6	.0	.00	.00	-2.5
07:00	0.015	0.0156	23.4	24.9	2441483.3	.0	.00	.00	35.2
08:00	0.0125	0.0171	19.4	27.3	2437978.9	.0	.00	.00	207.5
09:00	0.0125	0.0206	19.5	32.9	2430587.4	.0	.00	.00	410.9
10:00	0.0124	0.023	19.3	36.6	2426257.3	.0	.00	.00	555.7
11:00	0.0118	0.0258	18.5	41.1	2421509.3	.0	.00	.00	695.4
12:00	0.012	0.0279	18.8	44.5	2418247.7	.0	.00	.00	825.9
13:00	0.0131	0.0295	20.4	47.0	2415950.6	.0	.00	.00	819.3
14:00	0.0121	0.0323	18.9	51.3	2412241.7	.0	.00	.00	853.5
15:00	0.0112	0.0332	17.5	52.7	2411081.2	.0	.00	.00	751.6
16:00	0.0107	0.0337	16.8	53.5	2410501.8	.0	.00	.00	582.9
17:00	0.0118	0.0325	18.3	51.5	2412058.7	.0	.00	.00	315.0
18:00	0.0166 P	0.0221 P	25.7 P	35.1 P	2428604.1 P	15.9	.63	<	53.9 P
19:00	0.0175	0.0178	26.9	28.3	2436475.0	.1	.00	.00	11.0
20:00	0.0172	0.0176	26.6	28.0	2436938.6	.0	.00	.00	-2.1
21:00	0.0172	0.0175	26.6	27.9	2437104.4	.0	.00	.00	-2.4
22:00	0.0169	0.0172	26.1	27.4	2437734.5	.0	.00	.00	-2.4
23:00	0.0168	0.0172	26.0	27.3	2437891.4	.0	.00	.00	-2.3
Avg	0.0146	0.0216	22.6	34.4	2430124.8	.7	.03	.00	253.7
Max	0.0175	0.0337	26.9	53.5	2441483.3	15.9	.63	.00	853.5
Hr. of Max	19	16	19	16	07	18	18	23	14
Min	0.0107	0.0156	16.8	24.9	2410501.8	.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	29.19	988.7	53	63	68	67	34	20
01:00	.00	29.19	988.5	51	45	81	48	38	31
02:00	.00	29.18	988.2	34	22	42	29	32	42
03:00	.00	29.18	988.3	59	16	78	21	25	24
04:00	.00	29.18	988.3	46	28	56	36	65	46
05:00	.00	29.20	988.8	77	23	81	39	12	26
06:00	.00	29.21	989.3	66	8	69	54	26	30
07:00	.05	29.23	990.0	32	46	107	54	34	35
08:00	.30	29.25	990.5	18	59	58	66	30	24
09:00	.59	29.25	990.7	53	77	71	76	40	27
10:00	.80	29.26	990.8	34	58	43	58	39	23
11:00	1.00	29.25	990.7	60	73	73	69	65	44
12:00	1.18	29.24	990.3	286	288	262	277	54	31
13:00	1.17	29.22	989.5	268	272	263	278	48	39
14:00	1.22	29.20	988.7	36	25	40	23	65	29
15:00	1.08	29.16	987.4	36	31	43	29	58	25
16:00	.84	29.13	986.5	52	52	66	50	60	35
17:00	.45	29.12	986.3	73	60	77	59	28	17
18:00	.08 P	29.16 P	987.6 P	80 P	72 P	97 P	80 P	38 P	19 P
19:00	.02	29.15	987.3	55	48	60	49	27	6
20:00	.00	29.16	987.4	103	23	119	52	84	49
21:00	.00	29.19	988.6	216	241	221	241	54	13
22:00	.00	29.20	988.9	69	165	70	139	56	40
23:00	.00	29.20	989.0	91	164	103	164	46	24
Avg	.37	29.20	988.8	53	43	0	0	44	29
Max	1.22	29.26	990.8	286	288	263	278	84	49
Hr. of Max	14	10	10	12	12	13	13	20	20
Min	.00	29.12	986.3	18	8	40	21	12	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	1.6	7.7	2.0	8.0	.9	3.6	10.8	16.9
01:00	.3	1.9	.7	2.6	.3	1.2	3.2	5.0
02:00	.4	1.8	.5	2.3	.2	1.1	1.8	5.3
03:00	.5	2.0	.6	2.2	.3	1.0	2.5	5.5
04:00	.3	2.0	1.0	2.4	.4	1.1	3.4	7.3
05:00	.7	2.0	.9	2.6	.4	1.2	3.4	7.3
06:00	.7	2.2	.8	2.5	.3	1.1	2.5	8.2
07:00	.2	2.4	.3	2.8	.1	1.3	2.3	8.2
08:00	.2	1.9	.2	2.2	.1	1.0	4.1	6.9
09:00	1.1	3.3	1.4	3.6	.6	1.6	5.0	7.3
10:00	1.1	3.0	1.6	3.2	.7	1.5	5.5	8.9
11:00	.7	2.1	1.5	2.6	.7	1.2	5.5	6.0
12:00	1.9	2.7	2.8	3.6	1.3	1.6	9.4	8.7
13:00	3.1	4.1	3.8	4.9	1.7	2.2	11.0	11.2
14:00	1.0	5.5	1.8	6.2	.8	2.8	7.6	16.5
15:00	1.3	6.9	2.2	7.9	1.0	3.6	9.6	16.0
16:00	1.4	5.1	2.1	6.0	1.0	2.7	11.0	15.6
17:00	2.4	6.3	2.7	6.6	1.2	3.0	9.2	13.1
18:00	3.2 P	10.9 P	4.6 P	15.2 P	2.0 P	6.8 P	<	<
19:00	1.1	9.1	1.3	9.2	.6	4.1	6.0	15.1
20:00	.3	2.7	.9	3.3	.4	1.5	5.0	14.2
21:00	.6	3.3	1.5	3.5	.7	1.6	4.1	5.7
22:00	1.1	1.3	1.4	1.8	.6	.8	3.9	5.3
23:00	.2	2.2	.5	2.3	.2	1.1	2.7	5.0
Avg	1.7	1.7	1.5	4.4	.7	2.0	5.6	9.5
Max	3.2	10.9	4.6	15.2	2.0	6.8	11.0	16.9
Hr. of Max	18	18	18	18	18	18	16	00
Min	.2	1.3	.2	1.8	.1	.8	1.8	5.0
Count	24	24	24	24	24	24	23	23
Total								