Date Printed: 07/11/2016 09:50

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

Daily Summary Report

Site: Tower "K" (1208)

7/10/2016

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	23.0	24.3	73.4	75.7	1.3	19.9	67.8	84.7	17.1
01:00	22.3	23.4	72.1	74.1	1.1	19.9	67.8	88.7	17.1
02:00	22.3	23.0	72.2	73.3	.7	19.9	67.8	88.2	17.1
03:00	21.2	22.4	70.2	72.3	1.2	19.6	67.2	92.5	16.8
04:00	20.8	21.5	69.4	70.6	.7	19.7	67.5	95.9	17.0
05:00	20.4	21.3	68.6	70.3	.9	19.6	67.2	97.5	16.8
06:00	20.1	21.3	68.3	70.3	1.1	19.4	66.8	97.5	16.6
07:00	20.6	21.1	69.1	69.9	.5	19.5	67.1	95.5	16.7
08:00	21.8	21.6	71.2	70.8	-.2	18.3	64.9	82.6	15.5
09:00	23.1	22.9	73.5	73.3	-.1	17.2	62.9	71.1	14.4
10:00	25.4	24.8	77.7	76.6	-.6	14.9	58.7	53.5	12.4
11:00	26.0	25.4	78.7	77.8	-.5	16.1	60.9	55.8	13.4
12:00	26.4	25.8	79.6	78.5	-.6	16.2	61.2	54.9	13.5
13:00	27.9	26.5	82.3	79.8	-1.4	16.0	60.7	49.5	13.2
14:00	29.0	27.6	84.2	81.7	-1.4	15.0	59.1	43.8	12.4
15:00	30.0	28.4	86.0	83.2	-1.6	14.1	57.4	39.0	11.7
16:00	30.3	29.5	86.5	85.0	-.8	13.2	55.7	36.2	11.0
17:00	30.5	29.7	86.9	85.5	-.8	12.3	54.1	33.7	10.4
18:00	30.8	29.9	87.4	85.8	-.9	11.7	53.0	31.9	10.0
19:00	30.4	29.3	86.7	84.8	-1.1	13.3	55.9	36.6	11.2
20:00	28.4	28.1	83.1	82.5	-.3	18.7	65.6	57.6	15.6
21:00	26.1	26.9	79.0	80.5	.8	20.5	68.9	73.3	17.5
22:00	24.2	25.8	75.5	78.5	1.6	20.7	69.3	83.2	17.9
23:00	23.1	24.6	73.6	76.3	1.5	20.8	69.5	89.3	18.0
Avg	25.2	25.2	77.3	77.4	.0	17.4	63.2	68.0	14.7
Max	30.8	29.9	87.4	85.8	1.6	20.8	69.5	97.5	18.0
Hr. of Max	18	18	18	18	22	23	23	06	23
Min	20.1	21.1	68.3	69.9	-1.6	11.7	53.0	31.9	10.0
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	0.0151	0.0178	23.3	28.2	2436650.3	.0	.00	.00	-2.5
01:00	0.0151	0.017	23.3	26.9	2438406.4	.0	.00	.00	-2.4
02:00	0.0151	0.0171	23.3	27.0	2438278.6	.0	.00	.00	-2.6
03:00	0.0148	0.016	22.8	25.3	2440870.9	.0	.00	.00	-2.7
04:00	0.0149	0.0156	23.0	24.6	2441906.5	.0	.00	.00	-3.0
05:00	0.0148	0.0151	22.8	24.0	2442932.0	.0	.00	.00	-2.6
06:00	0.0146	0.0149	22.5	23.7	2443430.8	.0	.00	.00	1.5
07:00	0.0147	0.0154	22.7	24.3	2442345.2	.0	.00	.00	63.8
08:00	0.0136	0.0165	21.1	26.2	2439549.3	.0	.00	.00	158.6
09:00	0.0127	0.0178	19.7	28.3	2436476.8	.0	.00	.00	287.7
10:00	0.0109	0.0205	17.1	32.5	2431007.3	.0	.00	.00	590.4
11:00	0.0118	0.0212	18.4	33.7	2429618.7	.0	.00	.01	408.3
12:00	0.012	0.0218	18.6	34.6	2428505.8	.0	.00	.00	409.2
13:00	0.0118	0.0238	18.3	37.8	2424987.8	.0	.00	.00	810.1
14:00	0.0111	0.0254	17.3	40.2	2422393.1	.0	.00	.00	905.3
15:00	0.0105	0.0269	16.3	42.6	2420025.3	.0	.00	.00	841.2
16:00	0.0099	0.0273	15.4	43.2	2419417.4	.0	.00	.00	730.1
17:00	0.0093	0.0277	14.6	43.8	2418847.7	.0	.00	.00	552.9
18:00	0.009	0.0282	14.0	44.6	2418141.0	.0	.00	.00	382.3
19:00	0.01	0.0275	15.6	43.6	2419093.3	.0	.00	.00	184.1
20:00	0.0141	0.0245	21.7	38.8	2423919.8	.0	.00	.00	27.7
21:00	0.0157	0.0214	24.2	34.0	2429298.7	.0	.00	.00	-2.0
22:00	0.0159	0.0191	24.5	30.3	2433843.8	.0	.00	.00	-2.5
23:00	0.016	0.0179	24.7	28.4	2436409.2	.0	.00	.00	-2.7
Avg	0.0131	0.0207	20.2	32.8	2431514.8	.0	.00	.00	263.8
Max	0.016	0.0282	24.7	44.6	2443430.8	.0	.00	.01	905.3
Hr. of Max	23	18	23	18	06	23	23	11	14
Min	0.009	0.0149	14.0	23.7	2418141.0	.0	.00	.00	-3.0
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	29.09	985.2	292	267	263	268	61	14
01:00	.00	29.08	984.9	117	279	187	288	54	26
02:00	.00	29.07	984.5	38	293	44	296	23	22
03:00	.00	29.07	984.4	47	13	63	105	30	43
04:00	.00	29.07	984.5	18	191	354	184	17	16
05:00	.00	29.08	984.9	46	320	60	327	17	18
06:00	.00	29.10	985.5	43	0	55	4	34	31
07:00	.09	29.12	986.1	331	4	45	15	41	29
08:00	.23	29.13	986.6	357	350	346	10	27	34
09:00	.41	29.14	987.0	356	333	344	334	35	25
10:00	.85	29.14	986.9	63	50	87	58	65	53
11:00	.59	29.14	986.7	48	49	64	54	44	46
12:00	.59	29.14	986.8	36	126	187	184	41	50
13:00	1.16	29.13	986.6	195	186	200	188	57	28
14:00	1.30	29.12	986.0	160	182	177	185	73	39
15:00	1.21	29.09	985.1	209	206	219	207	60	40
16:00	1.05	29.06	984.2	273	266	266	264	43	33
17:00	.79	29.05	983.8	247	240	249	240	55	38
18:00	.55	29.06	984.0	200	219	217	220	74	30
19:00	.26	29.06	984.1	195	202	195	198	36	16
20:00	.04	29.07	984.4	164	183	167	182	50	9
21:00	.00	29.08	984.9	338	207	206	205	69	13
22:00	.00	29.10	985.3	49	286	63	304	34	26
23:00	.00	29.10	985.5	8	345	28	50	64	27
Avg	.38	29.10	985.3	26	270	0	0	46	29
Max	1.30	29.14	987.0	357	350	354	334	74	53
Hr. of Max	14	12	09	08	08	04	09	18	10
Min	.00	29.05	983.8	8	0	28	4	17	9
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	.2	3.2	.5	3.6	.2	1.6	2.1	7.1
01:00	.4	3.4	1.7	5.2	.8	2.4	6.0	9.8
02:00	.6	3.4	1.0	3.5	.5	1.6	3.4	9.2
03:00	.6	.6	.9	1.1	.4	.5	2.5	4.6
04:00	.4	1.4	.4	1.4	.2	.7	1.8	3.4
05:00	.8	2.1	.9	2.1	.4	1.0	2.5	3.7
06:00	.8	1.8	.9	2.1	.4	.9	3.2	5.3
07:00	.1	1.5	.2	1.6	.1	.7	3.4	6.6
08:00	.1	.7	.2	.8	.1	.4	1.8	3.4
09:00	.2	1.7	.3	1.8	.1	.8	2.3	4.8
10:00	.7	1.3	1.2	1.8	.5	.8	5.7	6.4
11:00	.8	.7	1.2	1.3	.5	.6	4.1	5.3
12:00	.0	.4	1.2	2.1	.5	1.0	6.0	6.9
13:00	2.0	3.8	2.9	4.1	1.3	1.9	7.3	8.9
14:00	1.2	2.4	3.0	3.3	1.3	1.5	8.2	8.7
15:00	2.0	3.4	3.1	4.2	1.4	1.9	11.2	13.1
16:00	3.1	3.4	3.5	4.1	1.6	1.9	9.6	10.1
17:00	2.6	3.6	3.3	4.1	1.5	1.9	9.8	10.5
18:00	1.4	3.1	2.1	3.4	1.0	1.5	8.0	9.4
19:00	2.3	4.5	2.8	4.9	1.3	2.2	8.0	9.2
20:00	1.2	5.4	1.5	5.5	.7	2.5	5.3	8.2
21:00	.2	2.9	.4	2.9	.2	1.3	2.1	6.0
22:00	.8	1.5	1.0	1.8	.5	.8	3.4	7.1
23:00	.2	.4	.8	.6	.3	.3	2.3	3.7
Avg	1.1	1.1	1.5	2.8	.7	1.3	5.0	7.1
Max	3.1	5.4	3.5	5.5	1.6	2.5	11.2	13.1
Hr. of Max	16	20	16	20	16	20	15	15
Min	.0	.4	.2	.6	.1	.3	1.8	3.4
Count	24	24	24	24	24	24	24	24
Total								