Date Printed: 03/17/2015 03:03

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

Daily Summary Report

Site: Tower "K" (1208)

7/31/2014

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	17.4	18.7	63.3	65.6	1.3	17.1	62.8	100.2	14.6
01:00	16.8	17.9	62.2	64.2	1.1	16.5	61.7	100.3	14.1
02:00	16.4	17.7	61.5	63.8	1.2	16.2	61.1	100.4	13.8
03:00	16.4	17.3	61.4	63.2	1.0	16.1	61.0	100.4	13.7
04:00	16.1	17.0	60.9	62.5	.9	15.9	60.5	100.5	13.5
05:00	15.5	16.5	59.9	61.7	1.0	15.3	59.6	100.5	13.1
06:00	15.4	16.3	59.7	61.3	.8	15.2	59.4	100.6	13.0
07:00	15.5	15.9	59.9	60.6	.4	15.3	59.6	100.7	13.1
08:00	16.0	16.0	60.9	60.7	-.1	15.8	60.4	100.0	13.4
09:00	17.6	17.0	63.7	62.7	-.6	15.6	60.1	89.8	13.3
10:00	19.9	19.0	67.7	66.3	-.8	15.3	59.6	76.7	12.9
11:00	22.0	20.9	71.7	69.7	-1.1	14.8	58.6	64.8	12.4
12:00	23.1	22.0	73.6	71.6	-1.1	14.7	58.4	60.3	12.3
13:00	24.8	23.3	76.7	74.0	-1.5	14.5	58.0	53.8	12.1
14:00	26.4	24.8	79.5	76.7	-1.5	12.6	54.6	43.5	10.7
15:00	27.2	25.3	81.0	77.6	-1.9	11.4	52.5	38.3	9.9
16:00	27.6	25.7	81.6	78.3	-1.8	11.3	52.3	37.3	9.8
17:00	27.5	26.1	81.5	79.0	-1.4	11.0	51.9	36.9	9.7
18:00	26.9	25.9	80.4	78.6	-1.0	12.5	54.5	42.1	10.6
19:00	26.6	25.7	79.8	78.3	-.9	13.0	55.4	44.6	11.0
20:00	24.8	25.3	76.7	77.5	.5	16.9	62.4	63.1	14.1
21:00	22.5	23.8	72.6	74.9	1.3	18.3	64.9	78.7	15.4
22:00	21.6	22.5	70.8	72.4	.9	19.1	66.3	87.8	16.3
23:00	20.5	21.2	68.9	70.2	.7	19.1	66.4	94.0	16.4
Avg	21.0	20.9	69.8	69.6	-.1	15.1	59.3	75.6	12.9
Max	27.6	26.1	81.6	79.0	1.3	19.1	66.4	100.7	16.4
Hr. of Max	16	17	16	17	21	23	23	07	23
Min	15.4	15.9	59.7	60.6	-1.9	11.0	51.9	36.9	9.7
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	0.0126	0.0126	19.6	19.9	2449931.7	.0	.00	.00	-2.8
01:00	0.0121	0.0121	18.8	19.1	2451450.6	.0	.00	.00	-2.7
02:00	0.0119	0.0118	18.4	18.7	2452308.3	.0	.00	.00	-2.9
03:00	0.0118	0.0118	18.4	18.6	2452443.2	.0	.00	.00	-2.8
04:00	0.0116	0.0116	18.1	18.3	2453113.0	.0	.00	.00	-3.0
05:00	0.0112	0.0112	17.4	17.7	2454419.8	.0	.00	.00	-2.9
06:00	0.0111	0.0111	17.3	17.5	2454681.0	.0	.00	.00	-1.3
07:00	0.0112	0.0111	17.4	17.6	2454510.5	.0	.00	.00	33.1
08:00	0.0115	0.0115	17.9	18.3	2453177.3	.0	.00	.00	101.6
09:00	0.0114	0.0128	17.8	20.2	2449449.7	.0	.00	.00	184.7
10:00	0.0112	0.0147	17.5	23.2	2444138.7	.0	.00	.00	309.2
11:00	0.0109	0.0168	16.9	26.6	2438968.6	.0	.00	.00	472.4
12:00	0.0108	0.0179	16.8	28.4	2436372.3	.0	.00	.00	550.7
13:00	0.0107	0.0199	16.6	31.5	2432321.7	.0	.00	.00	810.5
14:00	0.0095	0.0218	14.7	34.5	2428673.0	.0	.00	.00	868.8
15:00	0.0088	0.0229	13.7	36.3	2426588.7	.0	.00	.00	779.4
16:00	0.0087	0.0234	13.6	37.0	2425831.0	.0	.00	.00	647.1
17:00	0.0086	0.0233	13.4	36.8	2425998.9	.0	.00	.00	514.7
18:00	0.0095	0.0225	14.7	35.6	2427393.4	.0	.00	.00	292.2
19:00	0.0098	0.0221	15.2	34.9	2428173.8	.0	.00	.00	182.3
20:00	0.0125	0.0199	19.4	31.4	2432358.7	.0	.00	.00	16.3
21:00	0.0136	0.0173	21.1	27.4	2437731.3	.0	.00	.00	-2.3
22:00	0.0143	0.0163	22.1	25.8	2440093.0	.0	.00	.00	-2.7
23:00	0.0144	0.0153	22.2	24.2	2442583.1	.0	.00	.00	-2.5
Avg	0.0112	0.0163	17.5	25.8	2441363.0	.0	.00	.00	239.0
Max	0.0144	0.0234	22.2	37.0	2454681.0	.0	.00	.00	868.8
Hr. of Max	23	16	23	16	06	23	23	23	14
Min	0.0086	0.0111	13.4	17.5	2425831.0	.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	29.07	984.4	359	60	74	64	40	21
01:00	.00	29.07	984.5	46	14	359	22	42	19
02:00	.00	29.06	984.3	137	34	152	32	33	19
03:00	.00	29.06	984.2	16	8	13	44	28	37
04:00	.00	29.06	984.2	181	67	38	68	33	9
05:00	.00	29.07	984.4	32	53	14	63	53	22
06:00	.00	29.07	984.6	71	32	27	45	44	21
07:00	.05	29.08	984.7	96	42	53	39	57	21
08:00	.15	29.08	984.8	333	36	334	35	53	28
09:00	.26	29.09	985.1	268	51	279	52	63	45
10:00	.44	29.09	985.1	34	43	57	49	61	22
11:00	.68	29.09	985.1	67	64	73	65	45	17
12:00	.79	29.09	985.1	73	75	74	74	37	17
13:00	1.16	29.08	984.8	102	91	98	93	46	25
14:00	1.25	29.07	984.4	87	68	85	70	68	39
15:00	1.12	29.05	983.9	136	139	144	138	44	34
16:00	.93	29.04	983.6	132	139	134	136	42	30
17:00	.74	29.04	983.5	108	128	119	127	54	38
18:00	.42	29.04	983.4	120	134	117	134	27	14
19:00	.26	29.04	983.3	126	150	127	152	21	14
20:00	.02	29.04	983.3	123	157	124	157	15	3
21:00	.00	29.05	983.7	225	230	211	193	49	23
22:00	.00	29.06	984.2	288	86	231	16	42	28
23:00	.00	29.06	984.1	272	323	290	337	63	20
Avg	.34	29.06	984.3	87	71	0	0	44	24
Max	1.25	29.09	985.1	359	323	359	337	68	45
Hr. of Max	14	12	12	00	23	01	23	14	09
Min	.00	29.04	983.3	16	8	13	16	15	3
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	.3	1.6	.6	1.6	.3	.7	2.3	3.7
01:00	.3	1.3	.4	1.3	.2	.6	1.6	5.0
02:00	.2	2.3	.6	2.3	.3	1.1	2.1	6.0
03:00	.3	.3	.5	.5	.2	.2	2.1	2.5
04:00	.2	2.6	.3	2.6	.1	1.2	1.8	5.0
05:00	.2	1.9	.5	1.9	.2	.9	2.1	5.0
06:00	.3	2.0	.3	2.0	.1	.9	1.8	4.8
07:00	.2	1.9	.4	1.9	.2	.9	2.1	6.0
08:00	.3	2.3	.4	2.5	.2	1.1	1.6	5.7
09:00	.3	1.1	.5	1.4	.2	.7	2.1	5.0
10:00	.8	3.2	1.3	3.4	.6	1.5	6.4	8.0
11:00	1.9	5.2	2.3	5.4	1.0	2.4	7.3	10.1
12:00	2.6	5.9	3.0	6.0	1.3	2.7	9.8	10.8
13:00	2.6	5.3	3.2	5.7	1.5	2.6	9.2	14.4
14:00	1.2	3.1	2.1	3.7	.9	1.7	7.6	8.7
15:00	1.7	2.7	2.7	3.3	1.2	1.5	7.8	8.2
16:00	2.0	3.5	2.4	3.7	1.1	1.7	6.6	8.5
17:00	1.5	3.0	2.4	4.0	1.1	1.8	8.2	9.2
18:00	1.8	3.5	2.0	3.5	.9	1.6	5.5	7.8
19:00	1.8	3.7	1.9	3.8	.8	1.7	4.8	6.6
20:00	1.6	4.1	1.7	4.0	.8	1.8	3.2	5.0
21:00	.1	.6	.2	.9	.1	.4	1.4	4.1
22:00	.1	.2	.5	.5	.2	.2	1.6	2.1
23:00	.1	1.0	.4	1.2	.2	.6	1.8	3.4
Avg	1.3	1.3	1.3	2.7	.6	1.3	4.2	6.5
Max	2.6	5.9	3.2	6.0	1.5	2.7	9.8	14.4
Hr. of Max	13	12	13	12	13	12	12	13
Min	.1	.2	.2	.5	.1	.2	1.4	2.1
Count	24	24	24	24	24	24	24	24
Total								