Date Printed: 02/23/2015 10:34

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

Daily Summary Report

Site: Tower "K" (1208)

2/22/2015

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	3.0	4.1	37.3	39.4	1.1	2.9	37.1	100.0	5.9
01:00	3.2	4.2	37.7	39.5	1.0	3.1	37.5	100.0	6.0
02:00	4.0	4.5	39.2	40.1	.5	3.9	39.0	100.1	6.3
03:00	3.0	4.7	37.4	40.4	1.7	2.9	37.2	100.1	5.9
04:00	2.9	4.4	37.2	39.9	1.5	2.8	37.1	100.1	5.9
05:00	2.7	4.1	36.8	39.3	1.4	2.6	36.6	100.1	5.8
06:00	2.9	4.1	37.2	39.3	1.2	2.8	37.0	100.1	5.9
07:00	2.8	3.5	37.0	38.3	.7	2.7	36.8	100.1	5.8
08:00	2.6	3.4	36.7	38.2	.8	2.5	36.5	100.1	5.7
09:00	3.3	3.7	37.9	38.6	.4	3.2	37.7	100.2	6.0
10:00	4.1	4.0	39.4	39.2	-.1	4.0	39.3	100.3	6.4
11:00	4.4	4.2	39.8	39.5	-.2	4.3	39.7	100.2	6.5
12:00	4.8	4.7	40.6	40.4	-.1	4.6	40.3	99.7	6.6
13:00	4.8	4.6	40.6	40.3	-.2	4.3	39.7	97.7	6.5
14:00	5.2	4.9	41.4	40.8	-.4	3.5	38.2	89.0	6.1
15:00	5.5	5.1	42.0	41.2	-.4	3.1	37.6	84.9	5.9
16:00	4.9	4.4	40.8	39.9	-.5	2.8	37.1	87.2	5.8
17:00	4.4	3.9	39.8	39.0	-.4	2.7	36.8	89.6	5.8
18:00	3.7	3.4	38.7	38.1	-.3	2.4	36.3	92.0	5.7
19:00	3.4	3.1	38.1	37.6	-.3	2.3	36.1	93.2	5.6
20:00	3.1	3.0	37.6	37.4	-.1	2.0	35.6	93.3	5.5
21:00	2.6	2.5	36.7	36.4	-.2	1.8	35.2	94.9	5.5
22:00	2.2	2.1	35.9	35.9	.0	1.3	34.4	94.8	5.3
23:00	1.9	1.9	35.4	35.4	.0	1.0	33.8	94.3	5.2
Avg	3.6	3.9	38.4	38.9	.3	2.9	37.2	96.3	5.9
Max	5.5	5.1	42.0	41.2	1.7	4.6	40.3	100.3	6.6
Hr. of Max	15	15	15	15	03	12	12	10	12
Min	1.9	1.9	35.4	35.4	-.5	1.0	33.8	84.9	5.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0048	0.0048	7.5	7.6	2484227.1	.0	.00	.00	-3.9
01:00	0.0048	0.0048	7.6	7.7	2483761.2	.0	.00	.00	-3.8
02:00	0.0051	0.0051	8.1	8.1	2481800.8	.0	.00	.00	-3.9
03:00	0.0048	0.0048	7.5	7.6	2484192.8	.0	.00	.00	-3.9
04:00	0.0048	0.0048	7.5	7.5	2484354.6	.0	.00	.00	-3.9
05:00	0.0047	0.0047	7.4	7.4	2484924.5	.0	.00	.00	-3.9
06:00	0.0047	0.0047	7.5	7.5	2484419.1	.0	.00	.00	-3.8
07:00	0.0047	0.0047	7.4	7.5	2484723.1	.0	.00	.00	2.3
08:00	0.0046	0.0046	7.3	7.4	2485130.9	.0	.00	.00	32.2
09:00	0.0049	0.0049	7.7	7.7	2483512.0	.0	.00	.00	94.4
10:00	0.0052	0.0052	8.2	8.2	2481510.9	.0	.00	.00	144.2
11:00	0.0053	0.0052	8.3	8.3	2480915.2	.0	.00	.00	182.4
12:00	0.0054	0.0054	8.5	8.6	2479975.7	.0	.00	.00	151.8
13:00	0.0053	0.0054	8.3	8.6	2479981.3	.0	.00	.00	107.9
14:00	0.005	0.0056	7.8	8.9	2478807.4	.0	.00	.00	177.4
15:00	0.0048	0.0057	7.6	9.1	2478091.0	.0	.00	.00	102.2
16:00	0.0048	0.0055	7.5	8.7	2479624.7	.0	.00	.00	41.3
17:00	0.0047	0.0052	7.4	8.3	2480924.5	.0	.00	.00	15.9
18:00	0.0046	0.005	7.3	8.0	2482477.7	.0	.00	.00	-2.0
19:00	0.0046	0.0049	7.2	7.8	2483235.7	.0	.00	.00	-3.7
20:00	0.0045	0.0048	7.1	7.6	2483910.6	.0	.00	.00	-3.7
21:00	0.0044	0.0046	7.0	7.4	2485068.9	.0	.00	.00	-3.8
22:00	0.0043	0.0045	6.7	7.2	2486062.1	.0	.00	.00	-3.8
23:00	0.0041	0.0044	6.6	7.0	2486727.1	.0	.00	.00	-3.8
Avg	0.0048	0.005	7.5	7.9	2482848.3	.0	.00	.00	41.8
Max	0.0054	0.0057	8.5	9.1	2486727.1	.0	.00	.00	182.4
Hr. of Max	12	15	12	15	23	23	23	23	11
Min	0.0041	0.0044	6.6	7.0	2478091.0	.0	.00	.00	-3.9
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	-.01	29.06	984.2	248	304	257	304	66	7
01:00	-.01	29.08	985.0	210	287	209	287	33	8
02:00	-.01	29.09	985.2	138	229	144	235	38	24
03:00	-.01	29.09	985.1	319	160	321	160	82	12
04:00	-.01	29.10	985.4	139	203	114	189	46	31
05:00	-.01	29.12	986.1	341	227	336	208	52	17
06:00	-.01	29.14	986.9	56	75	42	28	51	42
07:00	.00	29.15	987.3	65	44	72	44	52	10
08:00	.05	29.17	987.9	350	31	1	35	51	17
09:00	.14	29.19	988.7	313	11	338	11	79	23
10:00	.21	29.21	989.1	352	2	351	359	22	28
11:00	.26	29.21	989.3	324	325	323	327	28	15
12:00	.22	29.20	988.8	286	329	287	332	31	18
13:00	.15	29.20	988.7	319	314	318	314	18	7
14:00	.25	29.19	988.6	322	321	324	321	19	9
15:00	.15	29.19	988.6	302	306	297	305	28	9
16:00	.06	29.21	989.0	281	289	280	290	18	10
17:00	.02	29.23	989.7	275	290	276	291	20	12
18:00	.00	29.26	990.8	301	310	296	309	20	13
19:00	-.01	29.27	991.4	308	321	303	320	48	17
20:00	-.01	29.29	991.9	322	330	285	328	63	14
21:00	-.01	29.30	992.2	246	317	242	347	42	31
22:00	-.01	29.30	992.2	313	330	312	330	38	16
23:00	-.01	29.30	992.3	169	26	159	44	38	34
Avg	.06	29.19	988.5	307	321	0	0	41	18
Max	.26	29.30	992.3	352	330	351	359	82	42
Hr. of Max	11	23	23	10	22	10	10	03	06
Min	-.01	29.06	984.2	56	2	1	11	18	7
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	4.9	.5	5.0	.2	2.2	2.3	7.3
01:00	1.4	6.4	1.7	6.4	.7	2.9	3.7	11.0
02:00	1.8	2.0	2.1	2.7	.9	1.2	4.6	6.4
03:00	.1	3.0	.8	3.0	.4	1.4	3.2	6.2
04:00	.4	.5	.8	.6	.4	.3	2.7	2.7
05:00	.3	1.6	.9	2.0	.4	.9	3.0	4.8
06:00	.6	1.6	.8	1.7	.4	.8	3.0	6.6
07:00	.6	3.9	1.0	4.1	.4	1.8	2.7	6.2
08:00	.5	2.4	1.0	2.6	.4	1.2	3.0	5.0
09:00	.1	2.4	.4	2.6	.2	1.2	1.8	5.5
10:00	1.2	4.4	1.3	5.0	.6	2.2	4.8	8.5
11:00	1.2	3.7	1.3	3.8	.6	1.7	3.2	6.4
12:00	1.0	2.5	1.2	2.6	.6	1.2	3.9	6.0
13:00	1.8	6.1	1.9	6.2	.9	2.8	5.3	8.9
14:00	1.4	4.9	1.5	4.9	.7	2.2	4.6	8.5
15:00	1.7	4.8	1.9	4.9	.8	2.2	5.7	8.7
16:00	2.9	4.5	3.0	4.5	1.4	2.1	6.9	9.4
17:00	2.4	4.2	2.6	4.3	1.2	1.9	6.4	8.5
18:00	1.7	4.3	1.8	4.4	.8	2.0	6.2	7.8
19:00	1.1	3.4	1.3	3.4	.6	1.6	3.7	7.6
20:00	.3	2.4	.8	2.7	.3	1.2	2.7	5.7
21:00	.2	1.3	.8	2.1	.4	.9	3.2	7.3
22:00	.6	2.9	.6	3.0	.3	1.4	3.2	6.0
23:00	.3	.9	1.1	1.4	.5	.6	3.7	4.6
Avg	1.9	1.9	1.3	3.4	.6	1.6	3.9	6.9
Max	2.9	6.4	3.0	6.4	1.4	2.9	6.9	11.0
Hr. of Max	16	01	16	01	16	01	16	01
Min	.1	.5	.4	.6	.2	.3	1.8	2.7
Count	24	24	24	24	24	24	24	24
Total								