Date Printed: 01/13/2015 06:29

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

Daily Summary Report

Site: Tower "K" (1208)

1/12/2015

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	3.2	3.1	37.7	37.5	-.1	-2.2	28.1	68.5	4.1
01:00	3.3	3.1	37.9	37.7	-.1	-2.4	27.6	66.7	4.0
02:00	3.5	3.2	38.3	37.7	-.4	-2.6	27.3	64.6	4.0
03:00	2.5	2.5	36.5	36.4	.0	-.8	30.5	80.1	4.5
04:00	1.3	1.3	34.3	34.3	.0	1.0	33.8	98.7	5.2
05:00	1.2	1.0	34.1	33.8	-.1	1.0	33.9	99.7	5.2
06:00	1.3	1.1	34.3	34.0	-.2	1.2	34.1	99.8	5.2
07:00	1.5	1.3	34.7	34.3	-.2	1.4	34.5	99.9	5.3
08:00	1.6	1.4	34.9	34.5	-.2	1.5	34.7	99.9	5.4
09:00	1.9	1.6	35.4	34.9	-.3	1.8	35.2	100.0	5.5
10:00	2.4	2.0	36.3	35.6	-.4	2.3	36.1	100.0	5.7
11:00	2.8	2.4	37.0	36.2	-.4	2.7	36.8	100.1	5.8
12:00	3.4	3.0	38.1	37.3	-.4	3.3	37.9	100.1	6.1
13:00	4.3	3.8	39.7	38.8	-.5	4.2	39.5	100.2	6.4
14:00	4.4	4.0	39.9	39.3	-.4	4.3	39.7	100.1	6.5
15:00	4.8	4.4	40.6	40.0	-.3	4.7	40.4	100.2	6.7
16:00	5.0	4.7	41.1	40.5	-.3	4.9	40.9	100.2	6.8
17:00	5.1	4.8	41.2	40.7	-.3	5.0	41.0	100.2	6.8
18:00	5.0	4.8	40.9	40.7	-.2	4.9	40.8	100.2	6.7
19:00	5.0	5.0	41.0	41.0	.0	4.9	40.8	100.2	6.8
20:00	5.1	5.1	41.2	41.2	.0	5.0	41.0	100.2	6.8
21:00	5.1	5.2	41.2	41.3	.1	5.0	41.0	100.3	6.8
22:00	5.1	5.3	41.2	41.5	.2	5.0	41.0	100.3	6.8
23:00	5.0	5.4	41.0	41.6	.3	4.9	40.9	100.3	6.8
Avg	3.5	3.3	38.3	38.0	-.2	2.5	36.6	95.0	5.8
Max	5.1	5.4	41.2	41.6	.3	5.0	41.0	100.3	6.8
Hr. of Max	22	23	22	23	23	22	22	23	23
Min	1.2	1.0	34.1	33.8	-.5	-2.6	27.3	64.6	4.0
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	0.0033	0.0048	5.2	7.7	2483703.0	.0	.00	.00	-3.6
01:00	0.0032	0.0049	5.1	7.7	2483452.2	.0	.00	.00	-3.5
02:00	0.0032	0.0049	5.1	7.9	2482910.5	.0	.00	.00	-3.4
03:00	0.0036	0.0046	5.8	7.3	2485371.5	1.5	.06	.06	-3.8
04:00	0.0041	0.0042	6.6	6.7	2488256.4	1.5	.06	.06	-3.8
05:00	0.0042	0.0042	6.6	6.7	2488479.0	4.1	.16	.16	-3.9
06:00	0.0042	0.0042	6.6	6.7	2488236.3	6.9	.27	.27	-3.8
07:00	0.0043	0.0043	6.7	6.8	2487739.4	3.8	.15	.15	-3.7
08:00	0.0043	0.0043	6.8	6.9	2487405.8	7.9	.31	.31	.4
09:00	0.0044	0.0044	7.0	7.0	2486748.1	2.5	.10	.10	27.7
10:00	0.0046	0.0045	7.2	7.2	2485654.9	2.3	.09	.09	33.0
11:00	0.0047	0.0047	7.4	7.5	2484722.1	.8	.03	.03	43.5
12:00	0.0049	0.0049	7.7	7.8	2483262.1	3.6	.14	.14	85.5
13:00	0.0052	0.0052	8.2	8.3	2481124.5	1.3	.05	.05	81.6
14:00	0.0053	0.0053	8.3	8.4	2480842.0	1.3	.05	.05	32.1
15:00	0.0054	0.0054	8.5	8.6	2479950.5	.3	.01	.01	51.6
16:00	0.0055	0.0055	8.7	8.8	2479310.5	1.3	.05	.05	18.8
17:00	0.0055	0.0055	8.7	8.8	2479170.1	.3	.01	.01	3.0
18:00	0.0055	0.0055	8.7	8.7	2479462.7	.0	.00	.00	-3.6
19:00	0.0055	0.0055	8.7	8.7	2479401.3	.0	.00	.00	-3.6
20:00	0.0055	0.0055	8.7	8.8	2479192.7	.0	.00	.00	-3.7
21:00	0.0055	0.0055	8.7	8.8	2479188.0	.0	.00	.00	-3.7
22:00	0.0055	0.0055	8.7	8.8	2479170.9	.0	.00	.00	-3.7
23:00	0.0055	0.0055	8.7	8.7	2479357.0	.0	.00	.00	-3.7
Avg	0.0047	0.005	7.4	7.9	2483004.6	1.6	.06	.06	13.6
Max	0.0055	0.0055	8.7	8.8	2488479.0	7.9	.31	.31	85.5
Hr. of Max	23	23	23	22	05	08	08	08	12
Min	0.0032	0.0042	5.1	6.7	2479170.1	.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	29.32	992.9	345	297	343	297	54	14
01:00	-.01	29.30	992.3	199	237	203	237	32	11
02:00	.00	29.30	992.2	190	216	194	216	28	15
03:00	-.01	29.29	992.0	166	205	157	219	22	15
04:00	-.01	29.28	991.6	102	142	99	124	22	33
05:00	-.01	29.27	991.2	47	130	51	115	44	29
06:00	-.01	29.27	991.3	44	97	46	96	40	18
07:00	-.01	29.26	991.1	93	64	60	63	65	12
08:00	.00	29.26	990.9	38	70	56	67	87	25
09:00	.04	29.26	990.8	4	38	5	41	77	24
10:00	.05	29.25	990.6	351	26	357	29	60	42
11:00	.06	29.23	990.0	315	335	308	338	55	39
12:00	.12	29.23	989.7	202	229	221	251	24	22
13:00	.12	29.19	988.4	160	147	158	147	36	23
14:00	.05	29.18	988.2	143	133	131	85	47	43
15:00	.07	29.16	987.6	5	24	24	37	48	45
16:00	.03	29.16	987.6	308	350	315	7	56	18
17:00	.00	29.18	988.0	204	216	203	191	51	48
18:00	-.01	29.19	988.4	349	318	319	359	28	25
19:00	-.01	29.20	988.8	230	54	266	53	44	42
20:00	-.01	29.22	989.5	141	268	128	281	38	10
21:00	-.01	29.23	990.0	166	188	128	178	23	23
22:00	-.01	29.25	990.6	337	145	357	154	61	21
23:00	-.01	29.26	991.0	140	174	29	175	47	18
Avg	.02	29.24	990.2	103	143	0	0	45	26
Max	.12	29.32	992.9	351	350	357	359	87	48
Hr. of Max	13	00	00	10	16	22	18	08	17
Min	-.01	29.16	987.6	4	24	5	7	22	10
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	2.5	.6	2.7	.2	1.2	1.8	4.6
01:00	.8	2.4	1.1	2.4	.5	1.1	2.7	3.7
02:00	1.2	2.4	1.3	2.4	.6	1.1	3.2	4.4
03:00	1.2	1.0	1.6	1.1	.7	.5	3.4	3.0
04:00	.9	.5	1.0	.7	.4	.3	3.0	1.8
05:00	.3	1.2	.8	1.2	.4	.6	3.4	4.6
06:00	.4	2.6	.7	3.0	.3	1.4	3.2	6.0
07:00	.3	3.2	.5	3.2	.2	1.5	3.0	5.0
08:00	.1	1.6	.3	1.8	.1	.8	2.3	4.4
09:00	.2	1.5	.4	1.5	.2	.7	2.1	4.6
10:00	.3	1.8	.5	2.0	.2	.9	2.7	5.0
11:00	.5	.9	.6	1.0	.3	.5	3.9	2.5
12:00	1.4	2.6	2.4	3.5	1.1	1.6	11.2	15.6
13:00	1.1	1.7	1.3	1.9	.6	.9	4.8	5.3
14:00	.2	.8	.8	1.9	.4	.9	3.2	6.0
15:00	.4	1.3	.7	1.5	.3	.7	3.4	4.6
16:00	.2	1.2	.3	1.4	.1	.6	2.1	4.6
17:00	1.0	1.4	1.1	1.4	.5	.7	4.8	5.3
18:00	.3	1.0	1.3	3.4	.6	1.5	3.7	8.0
19:00	.6	1.9	1.7	3.7	.8	1.7	5.0	8.7
20:00	.4	.6	.7	.5	.3	.3	2.1	2.3
21:00	.3	1.2	.7	1.6	.3	.7	2.5	3.4
22:00	.2	1.1	.5	1.2	.2	.6	2.1	4.1
23:00	.0	.7	.2	.7	.1	.3	1.4	2.7
Avg	1.2	1.2	.9	1.9	.4	.9	3.4	5.0
Max	1.4	3.2	2.4	3.7	1.1	1.7	11.2	15.6
Hr. of Max	12	07	12	19	12	19	12	12
Min	.0	.5	.2	.5	.1	.3	1.4	1.8
Count	24	24	24	24	24	24	24	24
Total								