Date Printed: 10/03/2015 06:01

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

Daily Summary Report

Site: Tower "K" (1208)

10/1/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	18.2	18.2	64.8	64.8	.0	17.7	63.8	98.8	15.1
01:00	18.1	17.8	64.5	64.0	-.3	17.8	64.0	100.1	15.2
02:00	17.9	17.6	64.2	63.7	-.3	17.6	63.7	100.2	15.0
03:00	17.7	17.6	63.9	63.6	-.2	17.5	63.4	100.3	14.9
04:00	17.7	17.5	63.9	63.5	-.2	17.4	63.4	100.4	14.9
05:00	17.7	17.6	63.9	63.7	-.1	17.5	63.4	100.4	14.9
06:00	17.7	17.5	63.9	63.5	-.2	17.5	63.4	100.3	14.9
07:00	17.6	17.4	63.6	63.4	-.1	17.3	63.1	100.2	14.7
08:00	17.7	17.5	63.8	63.5	-.2	17.4	63.2	100.0	14.8
09:00	18.0	17.7	64.5	63.8	-.4	16.5	61.8	92.9	14.1
10:00	18.5	18.0	65.3	64.4	-.5	15.6	60.2	84.9	13.2
11:00	19.1	18.5	66.3	65.4	-.5	15.1	59.3	79.6	12.8
12:00	19.5	18.9	67.0	66.0	-.6	14.9	58.7	76.2	12.6
13:00	19.7	19.2	67.5	66.5	-.5	14.9	58.9	75.5	12.6
14:00	20.1 P	19.5 P	68.1 P	67.1 P	-.6 P	P	P	71.7 P	12.2 P
15:00	19.8	19.4	67.7	67.0	-.4	15.0	59.0	75.4	12.7
16:00	19.2	18.9	66.5	66.0	-.3	15.4	59.7	80.2	13.0
17:00	18.5	18.4	65.3	65.1	-.1	15.7	60.2	85.1	13.3
18:00	18.1	18.0	64.6	64.3	-.1	15.5	59.9	86.5	13.1
19:00	17.0	16.7	62.6	62.0	-.3	16.3	61.4	97.8	13.9
20:00	16.3	16.1	61.3	60.9	-.2	16.0	60.9	100.5	13.7
21:00	15.8	15.7	60.5	60.3	-.1	15.6	60.1	100.5	13.3
22:00	15.6	15.7	60.1	60.2	.1	15.4	59.6	100.3	13.1
23:00	15.8	15.7	60.4	60.2	-.1	15.5	59.9	100.1	13.2
Avg	18.0	17.7	64.3	63.9	-.3	16.3	61.3	92.0	13.8
Max	20.1	19.5	68.1	67.1	.1	17.8	64.0	100.5	15.2
Hr. of Max	14	14	14	14	22	01	01	21	01
Min	15.6	15.7	60.1	60.2	-.6	14.9	58.7	71.7	12.2
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	0.0131	0.0133	20.3	21.0	2448011.7	.0	.00	.00	-2.7
01:00	0.0132	0.0132	20.4	20.8	2448340.1	.0	.00	.00	-2.8
02:00	0.0131	0.013	20.2	20.6	2448748.8	.0	.00	.00	-2.2
03:00	0.013	0.0129	20.0	20.4	2449136.0	.0	.00	.00	-2.5
04:00	0.0129	0.0129	20.0	20.3	2449252.0	.0	.00	.00	-2.4
05:00	0.0129	0.0129	20.0	20.3	2449205.5	.0	.00	.00	-2.1
06:00	0.0129	0.0129	20.0	20.3	2449158.8	.0	.00	.00	-2.2
07:00	0.0128	0.0128	19.8	20.1	2449532.9	.0	.00	.00	-.1
08:00	0.0129	0.0129	19.9	20.3	2449289.8	.0	.00	.00	27.6
09:00	0.0122	0.0132	18.9	20.7	2448433.1	.0	.00	.00	63.6
10:00	0.0115	0.0136	17.8	21.4	2447285.7	.0	.00	.00	130.8
11:00	0.0111	0.014	17.3	22.1	2446021.2	.0	.00	.00	157.1
12:00	0.0109	0.0144	17.0	22.7	2445075.2	.0	.00	.00	185.5
13:00	0.011	0.0146	17.1	23.0	2444506.4	.0	.00	.00	174.6
14:00	0.0107 P	0.0149 P	16.6 P	23.5 P	2443629.2 P	.0 P	.00 P	<	259.7 P
15:00	0.0111	0.0147	17.1	23.2	2444239.6	.0	.00	.00	85.1
16:00	0.0113	0.0141	17.5	22.3	2445755.4	.0	.00	.00	67.9
17:00	0.0115	0.0136	17.9	21.4	2447310.9	.0	.00	.00	13.3
18:00	0.0114	0.0132	17.7	20.8	2448319.3	.0	.00	.00	10.6
19:00	0.012	0.0123	18.6	19.4	2450908.3	1.3	.05	.05	-2.3
20:00	0.0118	0.0117	18.3	18.5	2452673.4	.3	.01	.01	-2.5
21:00	0.0115	0.0114	17.8	18.0	2453720.7	.0	.00	.00	-2.9
22:00	0.0113	0.0112	17.5	17.8	2454232.5	.0	.00	.00	-2.2
23:00	0.0114	0.0114	17.7	18.0	2453812.3	.0	.00	.00	-2.4
Avg	0.012	0.0131	18.6	20.7	2448608.3	.1	.00	.00	47.8
Max	0.0132	0.0149	20.4	23.5	2454232.5	1.3	.05	.05	259.7
Hr. of Max	01	14	01	14	22	19	19	19	14
Min	0.0107	0.0112	16.6	17.8	2443629.2	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	23	24
Total									

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Interval: 001h

	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	28.96	980.9	263	342	154	356	61	29
01:00	.00	28.96	980.6	210	260	226	260	44	20
02:00	.00	28.95	980.5	239	263	238	267	22	13
03:00	.00	28.95	980.3	102	329	102	321	46	40
04:00	.00	28.94	980.2	283	305	323	314	30	30
05:00	.00	28.94	980.1	297	2	278	7	39	27
06:00	.00	28.95	980.4	308	350	289	352	47	19
07:00	.00	28.96	980.6	343	326	328	329	36	18
08:00	.04	28.96	980.8	17	26	31	27	59	25
09:00	.09	28.97	981.0	57	42	53	43	50	12
10:00	.19	28.98	981.3	63	53	69	52	29	11
11:00	.23	28.98	981.3	72	57	72	58	33	10
12:00	.27	28.97	981.1	75	59	78	59	33	10
13:00	.25	28.97	981.0	76	59	74	59	33	12
14:00	.37 P	28.95 P	980.5 P	42 P	40 P	44 P	42 P	55 P	13 P
15:00	.12	28.94	980.2	61	41	68	47	58	18
16:00	.10	28.95	980.3	57	43	59	46	40	14
17:00	.02	28.95	980.5	5	1	14	2	58	23
18:00	.02	28.96	980.7	37	19	41	19	43	22
19:00	.00	28.97	981.2	287	309	271	305	45	19
20:00	.00	28.98	981.2	56	14	65	21	46	15
21:00	.00	28.98	981.5	53	39	57	40	37	11
22:00	.00	28.99	981.8	14	16	25	20	56	24
23:00	.00	28.99	981.6	226	11	212	21	75	65
Avg	.07	28.96	980.8	24	10	0	0	45	21
Max	.37	28.99	981.8	343	350	328	356	75	65
Hr. of Max	14	23	22	07	06	07	00	23	23
Min	.00	28.94	980.1	5	1	14	2	22	10
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	.0	.9	.5	1.3	.2	.6	2.3	4.1
01:00	.4	1.2	.5	1.3	.2	.6	2.3	3.4
02:00	.6	1.6	.6	1.7	.3	.8	1.8	4.1
03:00	.3	.7	.4	.8	.2	.4	1.6	3.2
04:00	.2	.7	.2	1.1	.1	.5	1.4	3.2
05:00	.2	1.6	.3	1.8	.1	.8	1.6	3.7
06:00	.2	1.4	.2	1.5	.1	.7	1.6	3.4
07:00	.3	1.1	.5	1.3	.2	.6	1.6	2.7
08:00	.1	2.6	.2	2.7	.1	1.2	1.6	6.9
09:00	.6	4.1	.8	4.2	.4	1.9	3.7	7.6
10:00	1.1	3.6	1.3	3.7	.6	1.7	4.1	7.1
11:00	1.9	6.2	2.2	6.2	1.0	2.8	7.1	10.3
12:00	2.4	7.7	2.8	7.8	1.2	3.5	9.2	13.1
13:00	2.9	9.2	3.3	9.3	1.5	4.2	15.3	19.5
14:00	1.7 P	10.1 P	2.5 P	10.6 P	1.1 P	4.8 P	<	<
15:00	1.9	8.3	2.4	8.8	1.1	4.0	11.0	16.9
16:00	1.8	8.6	2.3	9.0	1.0	4.0	8.7	15.6
17:00	.6	5.4	.9	5.9	.4	2.7	6.6	10.8
18:00	.8	4.3	1.0	4.6	.5	2.1	6.0	10.1
19:00	1.3	3.8	1.5	4.6	.7	2.1	6.6	8.0
20:00	.7	4.7	.9	5.6	.4	2.5	6.9	12.1
21:00	1.1	7.0	1.3	7.1	.6	3.2	5.5	12.4
22:00	.4	4.5	.6	4.9	.3	2.2	4.1	11.7
23:00	.1	1.3	.5	1.7	.2	.8	3.4	6.9
Avg	1.3	1.3	1.2	4.4	.5	2.0	5.0	8.6
Max	2.9	10.1	3.3	10.6	1.5	4.8	15.3	19.5
Hr. of Max	13	14	13	14	13	14	13	13
Min	.0	.7	.2	.8	.1	.4	1.4	2.7
Count	24	24	24	24	24	24	23	23
Total								