Date Printed: 10/13/2015 03:02

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

Daily Summary Report

Site: Tower "K" (1208)

10/10/2015

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	16.9	16.6	62.4	61.9	-.3	16.7	62.1	100.8	
01:00	16.6	16.4	61.9	61.5	-.2	16.4	61.6	100.8	
02:00	16.4	16.1	61.5	61.1	-.2	16.2	61.1	100.8	
03:00	16.2	16.0	61.1	60.8	-.2	16.0	60.8	100.8	
04:00	16.0	15.8	60.8	60.4	-.2	15.9	60.5	100.8	
05:00	16.0	15.8	60.9	60.5	-.2	15.9	60.6	100.8	
06:00	15.9	15.9	60.7	60.6	.0	15.8	60.4	100.8	
07:00	15.9	15.7	60.6	60.2	-.2	15.7	60.3	100.8	
08:00	15.9	15.6	60.7	60.1	-.3	15.8	60.4	100.9	
09:00	15.9	15.5	60.7	60.0	-.4	15.8	60.4	100.9	
10:00	15.8	15.4	60.4	59.7	-.4	15.6	60.1	100.9	
11:00	16.1	15.6	61.0	60.1	-.5	16.0	60.7	100.9	
12:00	16.6	16.1	61.9	61.0	-.5	16.4	61.5	100.4	
13:00	16.3	15.7	61.4	60.2	-.6	15.3	59.6	95.6	
14:00	17.2	16.4	63.0	61.5	-.8	13.9	56.9	82.2	
15:00	18.2	17.6	64.7	63.7	-.6	12.3	54.2	69.9	
16:00	17.6	17.2	63.7	63.0	-.4	12.7	54.9	74.4	
17:00	17.3	17.0	63.1	62.7	-.2	12.9	55.3	77.0	
18:00	16.2	16.0	61.2	60.8	-.2	12.8	55.1	81.7	
19:00	15.4	15.3	59.8	59.5	-.2	13.3	55.9	88.3	
20:00	13.9	14.6	57.0	58.3	.7	13.3	56.0	97.8	
21:00	13.5	14.2	56.2	57.5	.7	13.3	55.9	100.2	
22:00	13.9	13.8	57.1	56.9	-.1	13.7	56.6	100.0	
23:00	14.1	13.9	57.3	56.9	-.2	13.8	56.9	99.9	
Avg	16.0	15.8	60.8	60.4	-.2	14.8	58.7	94.9	
Max	18.2	17.6	64.7	63.7	.7	16.7	62.1	100.9	
Hr. of Max	15	15	15	15	21	00	00	11	
Min	13.5	13.8	56.2	56.9	-.8	12.3	54.2	69.9	
Count	24	24	24	24	24	24	24	24	0
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	0.0123	0.0122	19.1	19.3	2451151.0	.0	.00	.00	-3.0
01:00	0.012	0.012	18.7	19.0	2451812.5	.8	.03	.03	-2.7
02:00	0.0119	0.0118	18.4	18.7	2452408.8	.8	.03	.03	-2.7
03:00	0.0117	0.0116	18.2	18.4	2452832.5	.3	.01	.01	-2.9
04:00	0.0116	0.0115	18.1	18.2	2453221.8	.5	.02	.02	-2.4
05:00	0.0116	0.0115	18.1	18.3	2453174.5	.8	.03	.03	-2.5
06:00	0.0116	0.0115	18.0	18.2	2453404.3	.5	.02	.02	-2.8
07:00	0.0115	0.0114	17.9	18.1	2453535.3	.8	.03	.03	-2.1
08:00	0.0115	0.0114	18.0	18.1	2453456.5	.8	.03	.03	8.1
09:00	0.0116	0.0115	18.0	18.2	2453411.8	.3	.01	.01	35.1
10:00	0.0114	0.0113	17.8	18.0	2453825.5	.0	.00	.00	64.0
11:00	0.0117	0.0116	18.2	18.4	2453008.3	.0	.00	.00	105.1
12:00	0.012	0.012	18.7	19.0	2451768.8	.0	.00	.00	76.6
13:00	0.0112	0.0117	17.5	18.6	2452520.8	.0	.00	.00	79.7
14:00	0.0102	0.0124	15.9	19.7	2450363.3	.0	.00	.00	256.8
15:00	0.0092	0.0132	14.4	20.9	2448081.0	.0	.00	.00	257.2
16:00	0.0095	0.0127	14.8	20.2	2449497.0	.0	.00	.00	123.6
17:00	0.0096	0.0125	15.0	19.7	2450292.0	.0	.00	.00	72.6
18:00	0.0095	0.0117	14.9	18.5	2452742.0	.0	.00	.00	21.0
19:00	0.0098	0.0111	15.3	17.6	2454650.3	.0	.00	.00	-1.8
20:00	0.0098	0.01	15.3	15.9	2458273.8	.0	.00	.00	-2.8
21:00	0.0098	0.0098	15.3	15.5	2459302.5	.0	.00	.00	-3.0
22:00	0.01	0.01	15.7	15.9	2458213.0	.0	.00	.00	-2.9
23:00	0.0101	0.0101	15.8	16.1	2457851.0	.0	.00	.00	-2.9
Avg	0.0109	0.0115	17.0	18.3	2453283.3	.2	.01	.01	44.4
Max	0.0123	0.0132	19.1	20.9	2459302.5	.8	.03	.03	257.2
Hr. of Max	00	15	00	15	21	08	08	08	15
Min	0.0092	0.0098	14.4	15.5	2448081.0	.0	.00	.00	-3.0
Count	24	24	24	24	24	24	24	24	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	29.15	987.1	254	280	265	275	43	33
01:00	.00	29.12	986.3	11	13	57	12	42	29
02:00	.00	29.12	986.1	257	301	246	302	23	19
03:00	.00	29.10	985.6	76	27	118	336	34	27
04:00	.00	29.10	985.3	24	348	38	350	45	22
05:00	.00	29.10	985.3	350	320	346	323	26	18
06:00	.00	29.09	985.3	59	20	56	21	15	12
07:00	.00	29.10	985.4	39	16	59	20	43	22
08:00	.01	29.11	985.7	183	60	159	52	56	46
09:00	.05	29.12	986.2	358	5	26	354	53	24
10:00	.09	29.13	986.5	307	343	305	339	55	26
11:00	.15	29.13	986.5	288	295	282	296	32	12
12:00	.11	29.14	986.7	294	293	289	295	64	18
13:00	.11	29.14	986.7	279	285	279	286	24	14
14:00	.37	29.12	986.1	292	300	287	301	29	14
15:00	.37	29.10	985.3	318	315	311	315	45	10
16:00	.18	29.10	985.4	349	339	341	334	57	18
17:00	.10	29.10	985.5	346	355	356	355	51	23
18:00	.03	29.11	985.7	355	353	353	349	43	17
19:00	.00	29.11	986.0	81	50	80	53	21	13
20:00	.00	29.13	986.6	54	16	68	17	62	13
21:00	.00	29.13	986.5	63	314	101	326	41	15
22:00	.00	29.13	986.6	104	319	96	291	34	28
23:00	.00	29.13	986.4	130	185	124	198	46	17
Avg	.07	29.12	986.0	357	339	0	0	41	20
Max	.37	29.15	987.1	358	355	356	355	64	46
Hr. of Max	15	00	00	09	17	17	17	12	08
Min	.00	29.09	985.3	11	5	26	12	15	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	2.1	4.1	2.5	4.4	1.1	2.0	6.4	9.8
01:00	.4	1.7	.5	2.0	.2	.9	2.1	4.1
02:00	.5	2.0	.6	2.6	.2	1.2	3.4	5.7
03:00	.4	.5	.6	1.5	.3	.7	2.3	3.7
04:00	.1	2.8	.1	3.1	.1	1.4	1.4	5.5
05:00	.1	1.8	.3	2.1	.1	1.0	1.6	3.7
06:00	.6	2.4	.6	2.4	.3	1.1	1.8	3.7
07:00	.1	3.4	.2	3.7	.1	1.7	2.3	7.1
08:00	.0	2.3	.5	2.4	.2	1.1	3.0	6.9
09:00	.4	2.5	.8	3.6	.4	1.6	3.2	8.5
10:00	.3	2.4	.4	2.7	.2	1.2	2.5	5.7
11:00	1.7	3.9	1.9	4.1	.8	1.8	6.2	7.3
12:00	.9	4.0	1.2	4.1	.5	1.9	7.6	10.1
13:00	2.5	5.2	2.7	5.3	1.2	2.4	7.1	10.1
14:00	2.4	5.9	2.6	6.0	1.2	2.7	11.0	11.9
15:00	1.7	10.2	2.1	10.4	.9	4.7	8.0	16.3
16:00	.8	8.6	1.1	9.3	.5	4.2	6.0	16.7
17:00	.6	6.5	.7	7.1	.3	3.2	4.4	11.7
18:00	.5	5.4	.6	6.0	.3	2.7	4.4	10.3
19:00	1.5	4.9	1.6	5.2	.7	2.3	6.0	9.6
20:00	.5	5.5	.7	5.7	.3	2.6	2.3	8.7
21:00	.1	4.3	.7	4.7	.3	2.1	2.7	8.5
22:00	.6	.3	.7	1.4	.3	.7	2.5	3.9
23:00	.2	.9	.3	1.2	.1	.6	1.8	2.5
Avg	1.5	1.5	1.0	4.2	.4	1.9	4.2	8.0
Max	2.5	10.2	2.7	10.4	1.2	4.7	11.0	16.7
Hr. of Max	13	15	13	15	14	15	14	16
Min	.0	.3	.1	1.2	.1	.6	1.4	2.5
Count	24	24	24	24	24	24	24	24
Total								