Date Printed: 12/17/2015 02:12

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

Daily Summary Report

Site: Tower "K" (1208)

12/16/2015

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	6.8	10.0	44.3	50.1	3.2	6.7	44.0	100.1	
01:00	6.2	8.8	43.2	47.9	2.6	6.1	42.9	100.1	
02:00	5.7	8.1	42.2	46.7	2.5	5.6	42.0	100.1	
03:00	4.7	7.8	40.5	46.0	3.1	4.6	40.3	100.1	
04:00	4.2	7.3	39.6	45.2	3.1	4.1	39.4	100.1	
05:00	3.5	6.8	38.3	44.2	3.3	3.4	38.1	100.1	
06:00	2.7	6.5	36.8	43.7	3.8	2.6	36.7	100.0	
07:00	2.3	6.0	36.2	42.7	3.6	2.2	36.0	100.0	
08:00	2.9	6.3	37.2	43.4	3.4	2.8	37.1	100.2	
09:00	4.9	7.2	40.9	44.9	2.2	3.7	38.7	93.0	
10:00	8.5	9.0	47.4	48.2	.4	3.3	37.9	70.3	
11:00	12.5	12.1	54.5	53.8	-.4	5.8	42.4	64.4	
12:00	15.0	14.2	59.0	57.5	-.8	6.5	43.7	57.6	
13:00	16.5	15.7	61.7	60.3	-.8	5.8	42.4	49.9	
14:00	18.0	17.2	64.3	63.0	-.8	6.4	43.5	47.5	
15:00	17.8	17.2	64.1	63.0	-.6	7.9	46.2	53.3	
16:00	17.3	17.0	63.2	62.6	-.3	8.7	47.7	58.0	
17:00	16.5	16.6	61.7	61.9	.1	9.9	49.8	65.9	
18:00	15.6	16.4	60.1	61.5	.8	9.6	49.4	68.8	
19:00	13.9	15.8	57.0	60.4	1.9	9.8	49.6	77.4	
20:00	12.1	15.1	53.8	59.2	3.0	9.8	49.6	86.7	
21:00	11.5	14.3	52.7	57.8	2.8	9.7	49.5	90.0	
22:00	11.6	14.2	52.9	57.6	2.6	9.8	49.6	89.9	
23:00	11.5	14.6	52.6	58.3	3.2	9.8	49.7	90.9	
Avg	10.1	11.8	50.2	53.3	1.7	6.4	43.6	81.9	
Max	18.0	17.2	64.3	63.0	3.8	9.9	49.8	100.2	
Hr. of Max	14	15	14	15	06	17	17	08	
Min	2.3	6.0	36.2	42.7	-.8	2.2	36.0	47.5	
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	0.0063	0.0063	9.8	9.9	2475084.3	.0	.00	.00	-3.5
01:00	0.006	0.006	9.4	9.5	2476542.3	.0	.00	.00	-3.5
02:00	0.0058	0.0058	9.1	9.2	2477770.8	.0	.00	.00	-3.5
03:00	0.0054	0.0054	8.5	8.6	2480100.8	.0	.00	.00	-3.6
04:00	0.0052	0.0052	8.2	8.3	2481295.8	.0	.00	.00	-3.6
05:00	0.005	0.005	7.8	7.8	2483003.3	.0	.00	.00	-3.7
06:00	0.0047	0.0047	7.4	7.4	2484885.3	.0	.00	.00	-3.7
07:00	0.0046	0.0046	7.2	7.2	2485718.8	.0	.00	.00	.1
08:00	0.0048	0.0048	7.5	7.5	2484349.3	.0	.00	.00	107.1
09:00	0.0051	0.0055	8.0	8.7	2479541.8	.0	.00	.00	291.9
10:00	0.005	0.0071	7.8	11.2	2470989.0	.0	.00	.00	422.4
11:00	0.0059	0.0092	9.3	14.5	2461593.5	.0	.00	.00	487.4
12:00	0.0062	0.0108	9.8	17.1	2455635.5	.0	.00	.00	448.4
13:00	0.0059	0.012	9.3	18.9	2452032.8	.0	.00	.00	474.3
14:00	0.0062	0.0131	9.7	20.6	2448607.3	.0	.00	.00	287.6
15:00	0.0069	0.013	10.8	20.4	2448978.5	.0	.00	.00	163.7
16:00	0.0073	0.0126	11.3	19.8	2450145.8	.0	.00	.00	49.4
17:00	0.0079	0.012	12.3	18.8	2452028.8	.0	.00	.00	3.6
18:00	0.0077	0.0113	12.0	17.8	2454253.3	.0	.00	.00	-3.0
19:00	0.0078	0.0101	12.1	15.9	2458353.0	.0	.00	.00	-3.1
20:00	0.0078	0.009	12.1	14.2	2462484.0	.0	.00	.00	-3.1
21:00	0.0078	0.0086	12.1	13.6	2463976.3	.0	.00	.00	-2.9
22:00	0.0078	0.0087	12.1	13.7	2463760.0	.0	.00	.00	-3.4
23:00	0.0078	0.0086	12.2	13.5	2464078.3	.0	.00	.00	-2.9
Avg	0.0063	0.0083	9.8	13.1	2467300.4	.0	.00	.00	112.2
Max	0.0079	0.0131	12.3	20.6	2485718.8	.0	.00	.00	487.4
Hr. of Max	17	14	17	14	07	23	23	23	11
Min	0.0046	0.0046	7.2	7.2	2448607.3	.0	.00	.00	-3.7
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	29.01	982.5	202	32	186	41	26	12
01:00	-.01	29.01	982.4	246	70	148	66	50	21
02:00	-.01	29.01	982.4	63	78	44	75	46	10
03:00	-.01	29.01	982.5	272	64	335	66	75	13
04:00	-.01	29.01	982.5	87	35	102	36	47	21
05:00	-.01	29.01	982.3	200	63	192	62	45	7
06:00	-.01	29.02	982.6	206	45	177	49	50	17
07:00	.00	29.03	983.1	164	33	183	47	50	8
08:00	.15	29.04	983.5	151	36	197	57	38	24
09:00	.42	29.05	983.6	238	69	244	68	25	8
10:00	.61	29.05	983.7	259	171	259	153	15	60
11:00	.70	29.04	983.4	252	218	257	229	27	41
12:00	.64	29.00	982.2	248	242	256	248	29	25
13:00	.68	28.97	981.0	289	279	283	277	28	17
14:00	.41	28.95	980.4	273	269	271	267	25	19
15:00	.23	28.94	980.2	268	259	268	261	17	18
16:00	.07	28.94	980.1	250	250	252	250	18	9
17:00	.01	28.95	980.5	227	252	234	257	17	8
18:00	.00	28.95	980.3	147	179	139	179	48	9
19:00	.00	28.94	980.1	64	118	84	112	65	16
20:00	.00	28.92	979.5	272	82	268	87	55	19
21:00	.00	28.92	979.4	181	137	157	114	59	31
22:00	.00	28.91	979.1	77	266	83	264	57	24
23:00	.00	28.89	978.5	200	255	203	260	49	16
Avg	.16	28.98	981.5	222	76	0	0	40	19
Max	.70	29.05	983.7	289	279	335	277	75	60
Hr. of Max	11	10	10	13	13	03	13	03	10
Min	-.01	28.89	978.5	63	32	44	36	15	7
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	38_24HR_PR
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH	None
00:00	.1	.9	.5	1.0	.2	.5	1.8	3.0	.00
01:00	.2	.7	.3	.9	.1	.4	3.0	2.3	.00
02:00	.3	2.4	.6	2.4	.3	1.1	2.5	4.4	.00
03:00	.2	3.6	1.0	3.7	.5	1.7	3.7	7.1	.00
04:00	.6	2.0	.9	2.2	.4	1.0	2.7	4.8	.00
05:00	.5	4.2	.5	4.2	.2	1.9	2.5	6.2	.00
06:00	.2	2.3	.4	2.4	.2	1.1	2.5	5.0	.00
07:00	.5	1.0	.8	1.3	.4	.6	2.1	3.7	.00
08:00	.2	2.6	.3	2.8	.1	1.3	2.3	6.9	.00
09:00	.6	4.2	.7	4.2	.3	1.9	2.3	6.2	.00
10:00	1.8	.6	1.9	1.3	.8	.6	3.7	4.1	.00
11:00	2.3	1.7	2.5	2.1	1.1	1.0	7.8	6.0	.00
12:00	2.7	3.3	3.1	3.6	1.4	1.6	8.0	7.8	.00
13:00	3.4	4.4	3.8	4.7	1.7	2.1	10.3	9.8	.00
14:00	3.3	4.6	3.6	5.0	1.6	2.2	10.1	10.1	.00
15:00	3.8	4.5	3.9	4.6	1.8	2.1	8.9	9.8	.00
16:00	2.2	3.8	2.4	3.8	1.1	1.7	6.2	6.4	.00
17:00	1.0	3.4	1.4	3.6	.6	1.6	3.9	6.4	.00
18:00	.9	2.4	1.2	2.6	.5	1.2	2.7	3.9	.00
19:00	.6	1.7	.8	2.0	.4	.9	3.4	4.6	.00
20:00	.1	1.8	.9	1.9	.4	.9	2.7	4.1	.00
21:00	.2	.2	1.2	1.2	.5	.6	3.9	3.2	.00
22:00	.6	1.4	1.5	1.9	.7	.9	4.8	6.9	.00
23:00	.9	2.8	1.2	2.9	.5	1.3	4.4	6.6	.00
Avg	1.4	1.4	1.5	2.7	.7	1.3	4.4	5.8	.00
Max	3.8	4.6	3.9	5.0	1.8	2.2	10.3	10.1	.00
Hr. of Max	15	14	15	14	15	14	13	14	23
Min	.1	.2	.3	.9	.1	.4	1.8	2.3	.00
Count	24	24	24	24	24	24	24	24	24
Total									