Date Printed: 11/03/2014 03:58

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

Daily Summary Report

Site: Tower "K" (1208)

11/2/2014

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	2.5	2.7	36.4	36.8	.2	-2.7	27.1	69.2	3.9
01:00	1.1	2.2	34.0	36.0	1.1	-2.4	27.7	78.0	4.1
02:00	.7	1.8	33.3	35.3	1.1	-2.0	28.4	82.8	4.2
03:00	-.2	1.4	31.6	34.6	1.6	-2.0	28.4	88.3	4.2
04:00	-.8	.7	30.6	33.3	1.5	-1.0	30.2	99.0	4.5
05:00	-1.0	.3	30.2	32.6	1.3	-1.6	29.1	99.0	4.3
06:00	-1.4	.5	29.5	33.0	1.9	-2.3	27.9	94.0	4.1
07:00	-.6	.6	31.0	33.2	1.2	-4.8	23.4	71.0	3.5
08:00	.2	.7	32.3	33.3	.5	-7.1	19.2	58.9	2.9
09:00	3.6	2.8	38.5	37.1	-.8	-8.0	17.6	42.9	2.6
10:00	5.3	4.3	41.6	39.8	-1.0	-8.0	17.6	38.1	2.6
11:00	6.9	5.8	44.5	42.5	-1.1	-7.3	18.8	35.9	2.8
12:00	8.4	7.3	47.1	45.2	-1.1	-7.6	18.3	31.9	2.7
13:00	10.0	8.5	49.9	47.3	-1.5	-8.7	16.3	26.5	2.5
14:00	10.8	9.3	51.5	48.8	-1.5	-9.8	14.4	23.0	2.3
15:00	11.2	10.0	52.2	50.0	-1.2	-10.2	13.6	21.7	2.2
16:00	11.0	10.0	51.7	49.9	-1.0	-9.4	15.2	23.6	2.3
17:00	9.6	9.3	49.3	48.8	-.3	-6.9	19.6	31.3	2.8
18:00	7.0	8.5	44.6	47.4	1.5	-3.4	25.8	48.4	3.7
19:00	4.9	7.2	40.9	45.0	2.3	-1.7	29.0	63.1	4.2
20:00	3.4	5.6	38.1	42.2	2.2	-1.3	29.6	71.8	4.4
21:00	2.2	4.6	35.9	40.3	2.5	-.8	30.5	81.1	4.5
22:00	.9	3.6	33.7	38.6	2.7	-1.5	29.4	84.6	4.3
23:00	.1	2.8	32.1	37.1	2.8	-1.4	29.4	90.1	4.4
Avg	4.0	4.6	39.2	40.3	.6	-4.7	23.6	60.6	3.5
Max	11.2	10.0	52.2	50.0	2.8	-.8	30.5	99.0	4.5
Hr. of Max	15	16	15	15	23	21	21	05	21
Min	-1.4	.3	29.5	32.6	-1.5	-10.2	13.6	21.7	2.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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Interval: 001h

	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	0.0032	0.0046	5.0	7.3	2485418.7	.0	.00	.00	-3.5
01:00	0.0032	0.0041	5.1	6.6	2488642.0	.0	.00	.00	-3.6
02:00	0.0033	0.004	5.3	6.4	2489607.9	.0	.00	.00	-3.7
03:00	0.0033	0.0038	5.3	6.0	2491767.0	.0	.00	.00	-3.8
04:00	0.0036	0.0036	5.7	5.8	2493129.7	.0	.00	.00	-3.7
05:00	0.0034	0.0036	5.4	5.7	2493615.9	.0	.00	.00	-3.7
06:00	0.0032	0.0035	5.2	5.5	2494501.3	.0	.00	.00	-3.5
07:00	0.0028	0.0037	4.4	5.9	2492300.0	.0	.00	.00	140.0
08:00	0.0023	0.0039	3.6	6.2	2490815.4	.0	.00	.00	278.0
09:00	0.0021	0.0049	3.4	7.9	2482744.9	.0	.00	.00	433.0
10:00	0.0021	0.0056	3.4	8.9	2478666.5	.0	.00	.00	559.5
11:00	0.0022	0.0062	3.6	10.0	2474779.7	.0	.00	.00	635.0
12:00	0.0022	0.0069	3.5	11.0	2471351.3	.0	.00	.00	657.4
13:00	0.002	0.0077	3.2	12.3	2467608.1	.0	.00	.00	619.1
14:00	0.0019	0.0081	3.0	13.0	2465548.3	.0	.00	.00	517.6
15:00	0.0018	0.0083	2.9	13.3	2464639.8	.0	.00	.00	364.6
16:00	0.0019	0.0082	3.1	13.1	2465246.8	.0	.00	.00	162.9
17:00	0.0023	0.0075	3.7	12.0	2468468.8	.0	.00	.00	21.4
18:00	0.003	0.0063	4.8	10.1	2474597.3	.0	.00	.00	-3.3
19:00	0.0034	0.0054	5.4	8.7	2479545.6	.0	.00	.00	-3.4
20:00	0.0035	0.0049	5.6	7.8	2483189.6	.0	.00	.00	-3.6
21:00	0.0036	0.0045	5.8	7.1	2486136.7	.0	.00	.00	-3.6
22:00	0.0035	0.0041	5.5	6.5	2489049.3	.0	.00	.00	-3.6
23:00	0.0035	0.0038	5.5	6.1	2491093.0	.0	.00	.00	-3.7
Avg	0.0028	0.0053	4.5	8.5	2481769.3	.0	.00	.00	180.9
Max	0.0036	0.0083	5.8	13.3	2494501.3	.0	.00	.00	657.4
Hr. of Max	21	15	21	15	06	23	23	23	12
Min	0.0018	0.0035	2.9	5.5	2464639.8	.0	.00	.00	-3.8
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	-.01	29.30	992.2	35	27	29	28	39	14
01:00	-.01	29.30	992.4	44	23	34	23	61	8
02:00	-.01	29.32	992.9	50	2	144	2	57	21
03:00	-.01	29.33	993.3	256	346	252	345	37	20
04:00	-.01	29.35	994.0	317	311	332	311	34	5
05:00	-.01	29.38	995.0	30	324	40	324	36	5
06:00	.00	29.41	995.8	108	356	83	352	65	17
07:00	.20	29.43	996.6	170	35	163	35	56	37
08:00	.40	29.45	997.4	237	74	243	76	47	56
09:00	.62	29.45	997.4	70	63	77	61	55	25
10:00	.80	29.43	996.6	68	56	71	56	47	21
11:00	.91	29.41	995.9	42	45	53	49	68	38
12:00	.94	29.39	995.2	133	74	135	71	65	61
13:00	.89	29.37	994.6	143	59	131	70	63	49
14:00	.74	29.36	994.2	88	80	88	76	60	36
15:00	.52	29.35	993.9	113	64	102	71	72	54
16:00	.23	29.34	993.6	99	83	95	79	33	19
17:00	.03	29.35	993.8	124	114	118	114	16	8
18:00	.00	29.36	994.4	117	125	98	118	40	19
19:00	.00	29.38	995.1	186	32	205	25	69	36
20:00	-.01	29.40	995.5	151	59	153	80	34	27
21:00	-.01	29.41	995.9	188	81	195	78	53	12
22:00	-.01	29.41	996.0	224	21	216	36	67	37
23:00	-.01	29.41	995.9	46	37	84	42	71	26
Avg	.26	29.38	994.9	105	45	0	0	52	27
Max	.94	29.45	997.4	317	356	332	352	72	61
Hr. of Max	12	09	09	04	06	04	06	15	12
Min	-.01	29.30	992.2	30	2	29	2	16	5
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	1.1	7.6	1.5	7.9	.7	3.5	6.4	14.7
01:00	.6	7.2	.8	7.3	.4	3.3	3.0	12.4
02:00	.2	4.3	.9	4.6	.4	2.1	2.7	9.8
03:00	.6	2.8	.9	3.0	.4	1.4	3.0	7.8
04:00	.5	4.2	.7	5.8	.3	2.6	2.5	8.5
05:00	.5	6.1	.6	6.1	.3	2.7	2.1	8.2
06:00	.3	5.1	.6	5.4	.3	2.4	3.0	8.0
07:00	.3	3.0	.5	3.0	.3	1.4	2.4	6.0
08:00	.4	.6	.5	.8	.2	.4	1.8	4.1
09:00	1.8	5.1	2.4	5.4	1.1	2.4	8.9	12.6
10:00	2.7	6.5	3.4	6.9	1.5	3.1	10.3	14.0
11:00	1.4	4.4	2.3	5.0	1.0	2.3	11.2	14.2
12:00	.7	1.8	2.8	3.6	1.3	1.6	11.7	11.4
13:00	.4	2.3	2.7	3.7	1.2	1.7	7.8	10.8
14:00	1.7	3.7	2.6	4.5	1.2	2.0	10.5	12.1
15:00	1.1	2.3	2.2	3.0	1.0	1.4	7.6	7.6
16:00	2.0	3.7	2.3	3.9	1.0	1.8	6.9	8.0
17:00	2.0	4.0	2.2	4.2	1.0	1.9	5.3	6.6
18:00	.8	2.3	1.0	2.4	.5	1.1	4.8	6.4
19:00	.3	.4	.6	.4	.3	.2	2.1	1.6
20:00	.4	1.1	.6	1.2	.3	.6	2.3	3.4
21:00	.3	2.2	.5	2.2	.2	1.0	2.1	5.0
22:00	.4	1.5	1.1	1.9	.5	.9	2.5	5.7
23:00	.4	.9	.9	1.0	.4	.5	2.7	4.1
Avg	2.8	2.8	1.4	3.8	.7	1.8	5.2	8.5
Max	2.7	7.6	3.4	7.9	1.5	3.5	11.7	14.7
Hr. of Max	10	00	10	00	10	00	12	00
Min	.2	.4	.5	.4	.2	.2	1.8	1.6
Count	24	24	24	24	24	24	24	24
Total								