Date Printed: 02/17/2015 03:48

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

Daily Summary Report

Site: Tower "K" (1208)

2/16/2015

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	DEGC	DEGC	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	-3.5	-4.1	25.7	24.6	-.6	-16.3	2.6	36.6	1.4
01:00	-3.4	-4.0	25.9	24.9	-.5	-16.2	2.9	37.0	1.4
02:00	-3.4	-3.9	25.8	24.9	-.5	-16.5	2.3	35.9	1.4
03:00	-3.4	-3.9	26.0	24.9	-.6	-16.4	2.5	36.1	1.4
04:00	-3.3	-3.8	26.1	25.1	-.6	-16.4	2.4	35.8	1.4
05:00	-3.5	-4.0	25.8	24.7	-.6	-14.7	5.5	42.0	1.6
06:00	-3.8	-4.4	25.1	24.1	-.5	-12.5	9.5	51.4	1.9
07:00	-3.6	-4.2	25.5	24.5	-.5	-13.8	7.1	45.5	1.7
08:00	-3.5	-4.2	25.6	24.5	-.6	-14.2	6.4	43.6	1.6
09:00	-3.6	-4.4	25.5	24.1	-.8	-12.9	8.8	49.1	1.8
10:00	-3.9	-4.7	25.0	23.6	-.8	-9.5	14.9	65.4	2.4
11:00	-4.1	-4.8	24.6	23.4	-.7	-7.8	17.9	75.7	2.7
12:00	-4.1	-4.7	24.6	23.6	-.6	-6.3	20.7	85.0	3.1
13:00	-3.6	-4.3	25.4	24.3	-.6	-5.0	23.0	90.9	3.4
14:00	-2.7	-3.2	27.2	26.2	-.5	-3.3	26.0	95.8	3.8
15:00	-1.8	-2.1	28.8	28.1	-.4	-2.1	28.2	98.0	4.2
16:00	-.9	-1.3	30.3	29.7	-.3	-1.2	29.9	98.8	4.5
17:00	-.3	-.7	31.5	30.8	-.4	-.5	31.1	99.2	4.7
18:00	-.1	-.3	31.9	31.4	-.3	-.2	31.6	99.6	4.8
19:00	.0	-.1	32.1	31.8	-.2	-.1	31.8	99.6	4.8
20:00	.1	-.1	32.2	31.8	-.2	.0	31.9	99.7	4.8
21:00	-.1	-.3	31.9	31.4	-.3	-.2	31.6	99.7	4.8
22:00	-1.0	-1.5	30.2	29.4	-.5	-1.1	30.0	99.7	4.5
23:00	-1.8	-2.2	28.8	28.0	-.5	-1.9	28.6	99.6	4.2
Avg	-2.5	-3.0	27.6	26.7	-.5	-7.9	17.8	71.7	3.0
Max	.1	-.1	32.2	31.8	-.2	.0	31.9	99.7	4.8
Hr. of Max	20	20	20	20	20	20	20	22	21
Min	-4.1	-4.8	24.6	23.4	-.8	-16.5	2.3	35.8	1.4
Count	24	24	24	24	24	24	24	24	24
Total									

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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	0.0011	0.003	1.7	4.7	2499530.6	.0	.00	.00	-3.8
01:00	0.0011	0.003	1.8	4.7	2499363.0	.0	.00	.00	-3.9
02:00	0.0011	0.003	1.7	4.7	2499384.1	.0	.00	.00	-3.8
03:00	0.0011	0.003	1.7	4.8	2499230.5	.0	.00	.00	-3.9
04:00	0.0011	0.003	1.7	4.8	2499047.4	.0	.00	.00	-3.8
05:00	0.0012	0.003	2.0	4.7	2499464.9	.1	.00	.00	-3.9
06:00	0.0015	0.0029	2.4	4.6	2500369.6	.0	.00	.00	-3.9
07:00	0.0013	0.0029	2.1	4.7	2499894.0	.0	.00	.00	-1.8
08:00	0.0013	0.003	2.0	4.7	2499662.5	.1	.00	.00	11.9
09:00	0.0014	0.003	2.3	4.7	2499795.5	.0	.00	.00	55.8
10:00	0.0019	0.0029	3.0	4.6	2500517.2	.1	.00	.00	64.4
11:00	0.0022	0.0028	3.4	4.5	2500999.2	1.0	.01	.01	55.6
12:00	0.0024	0.0029	3.8	4.5	2500973.0	1.8	.07	.08	53.9
13:00	0.0027	0.003	4.2	4.7	2499929.4	3.3	.12	.20	49.3
14:00	0.0031	0.0032	4.8	5.0	2497642.0	3.4	.14	.34	31.2
15:00	0.0033	0.0034	5.2	5.4	2495497.4	3.6	.16	.50	24.0
16:00	0.0036	0.0036	5.6	5.7	2493464.8	3.3	.13	.63	16.2
17:00	0.0038	0.0038	5.9	6.0	2491966.3	2.7	.11	.74	2.5
18:00	0.0039	0.0039	6.0	6.1	2491420.0	1.8	.07	.81	-3.7
19:00	0.0039	0.0039	6.1	6.1	2491157.7	2.5	.10	.91	-4.0
20:00	0.0039	0.0039	6.1	6.1	2491047.0	.8	.03	.94	-3.9
21:00	0.0039	0.0039	6.0	6.1	2491453.9	.5	.02	.06	-4.0
22:00	0.0036	0.0036	5.6	5.7	2493661.8	.5	.02	.98	-3.9
23:00	0.0034	0.0034	5.3	5.4	2495499.2	.5	.02	1.00	-4.0
Avg	0.0024	0.0033	3.8	5.1	2497123.8	1.1	.04	.30	13.0
Max	0.0039	0.0039	6.1	6.1	2500999.2	3.6	.16	1.00	64.4
Hr. of Max	21	21	20	21	11	15	15	23	10
Min	0.0011	0.0028	1.7	4.5	2491047.0	.0	.00	.00	-4.0
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	29.27	991.2	37	49	38	50	48	12
01:00	-.01	29.24	990.3	62	62	70	64	42	13
02:00	-.01	29.20	989.0	67	64	76	66	36	14
03:00	-.01	29.19	988.4	49	54	58	54	40	12
04:00	-.01	29.16	987.6	70	70	72	70	32	14
05:00	-.01	29.15	987.1	60	55	60	55	48	12
06:00	-.01	29.14	986.9	67	62	68	62	36	12
07:00	.00	29.11	986.0	81	70	80	71	31	14
08:00	.02	29.12	986.0	67	61	72	62	40	15
09:00	.08	29.10	985.4	49	53	53	54	49	11
10:00	.09	29.08	984.9	58	56	63	57	52	14
11:00	.08	29.05	983.7	72	65	75	66	38	11
12:00	.08	28.99	981.7	79	70	80	69	30	14
13:00	.07	28.92	979.2	78	68	77	68	33	12
14:00	.04	28.86	977.4	37	46	69	49	63	14
15:00	.03	28.84	976.7	50	55	50	55	57	15
16:00	.02	28.82	976.0	63	70	63	70	62	17
17:00	.00	28.81	975.6	89	125	89	125	60	15
18:00	-.01	28.81	975.5	110	145	110	145	58	15
19:00	-.01	28.81	975.6	27	75	27	75	57	16
20:00	-.01	28.81	975.5	25	35	25	35	58	14
21:00	-.01	28.82	975.9	10	24	10	24	57	15
22:00	-.01	28.83	976.4	15	15	15	15	50	9
23:00	-.01	28.84	976.8	353	360	353	360	50	11
Avg	.02	29.00	982.0	55	59	0	0	47	13
Max	.09	29.27	991.2	353	360	353	360	63	17
Hr. of Max	10	00	00	23	23	23	23	14	16
Min	-.01	28.81	975.5	10	15	10	15	30	9
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	1.5	8.2	2.0	8.3	.9	3.7	8.7	16.0
01:00	2.0	6.8	2.3	7.0	1.0	3.1	9.6	14.0
02:00	2.8	8.2	3.3	8.5	1.5	3.8	14.0	14.4
03:00	2.0	8.9	2.6	9.1	1.2	4.1	8.7	17.2
04:00	3.4	8.9	3.9	9.1	1.7	4.1	12.6	16.0
05:00	2.4	10.3	2.9	10.5	1.3	4.7	12.6	18.1
06:00	2.7	9.4	3.2	9.6	1.4	4.3	12.4	18.8
07:00	4.0	10.0	4.4	10.2	2.0	4.6	15.3	22.4
08:00	2.7	8.7	3.2	8.9	1.4	4.0	13.5	20.2
09:00	2.1	10.0	2.6	10.2	1.2	4.6	11.4	16.3
10:00	1.9	7.2	2.4	7.4	1.1	3.3	9.6	14.4
11:00	3.0	8.3	3.4	8.5	1.5	3.8	10.8	13.3
12:00	3.9	8.4	4.2	8.6	1.9	3.9	12.6	15.3
13:00	2.6	6.4	2.9	6.4	1.3	2.9	7.6	14.0
14:00	-999.0	4.4	3.4	4.9	1.5	2.3	9.0	10.1
15:00	-999.0	-999.0	3.7	4.5	1.6	2.1	10.0	11.0
16:00	-999.0	-999.0	3.4	3.7	1.5	1.7	9.0	9.0
17:00	-999.0	-999.0	1.2	3.0	.5	1.4	3.5	7.5
18:00	-999.0	-999.0	1.3	2.8	.6	1.3	3.5	7.0
19:00	-999.0	-999.0	1.9	2.4	.9	1.1	5.0	6.0
20:00	-999.0	-999.0	2.3	3.8	1.1	1.7	6.5	9.5
21:00	-999.0	-999.0	1.9	3.5	.9	1.5	5.0	8.5
22:00	-999.0	-999.0	6.0	10.5	2.8	4.9	15.0	25.0
23:00	-999.0	-999.0	7.2	13.0	3.4	6.0	18.0	30.0
Avg	5.6	5.6	3.2	7.2	1.4	3.3	10.2	14.8
Max	4.0	10.3	7.2	13.0	3.4	6.0	18.0	30.0
Hr. of Max	07	05	23	23	23	23	23	23
Min	-999.0	-999.0	1.2	2.4	.5	1.1	3.5	6.0
Count	24	24	24	24	24	24	24	24
Total								