Date Printed: 01/21/2016 08:06

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

Daily Summary Report

Site: Tower "K" (1208)

1/20/2016

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	-5.1	-4.7	22.8	23.5	.4	-11.1	12.0	63.4	2.1
01:00	-5.0	-4.7	23.0	23.5	.2	-9.9	14.2	68.9	2.3
02:00	-4.4	-4.8	24.0	23.4	-.4	-10.2	13.7	64.6	2.3
03:00	-4.2	-4.7	24.5	23.5	-.5	-11.1	12.0	58.6	2.1
04:00	-5.0	-5.6	22.9	21.8	-.6	-8.4	16.8	77.7	2.6
05:00	-5.4	-6.1	22.2	21.1	-.6	-7.1	19.3	88.7	2.9
06:00	-5.2	-5.8	22.6	21.6	-.6	-6.8	19.8	89.0	3.0
07:00	-4.9	-5.5	23.1	22.1	-.6	-6.6	20.0	88.1	3.0
08:00	-4.8	-5.4	23.4	22.3	-.6	-6.5	20.2	87.8	3.0
09:00	-4.6	-5.2	23.8	22.6	-.7	-6.2	20.8	88.3	3.1
10:00	-4.4	-5.0	24.2	23.0	-.6	-5.7	21.7	90.7	3.2
11:00	-4.3	-4.9	24.2	23.2	-.6	-5.5	22.2	92.3	3.3
12:00	-4.2	-4.7	24.4	23.6	-.4	-5.3	22.4	92.3	3.3
13:00	-3.9	-4.5	24.9	24.0	-.5	-5.3	22.4	90.3	3.3
14:00	-3.5	-4.0	25.8	24.8	-.6	-5.0	22.9	89.2	3.4
15:00	-3.0	-3.5	26.6	25.7	-.5	-4.2	24.4	91.7	3.6
16:00	-2.6	-3.0	27.4	26.7	-.4	-3.1	26.4	96.7	3.9
17:00	-2.3	-2.4	27.8	27.6	-.1	-2.5	27.5	99.4	4.1
18:00	-2.2	-2.1	28.0	28.1	.1	-2.3	27.8	99.5	4.1
19:00	-2.0	-1.8	28.4	28.7	.2	-2.1	28.1	99.6	4.2
20:00	-1.8	-1.6	28.7	29.1	.2	-2.0	28.5	99.7	4.2
21:00	-1.7	-1.4	28.9	29.4	.3	-1.8	28.7	99.7	4.3
22:00	-1.6	-1.4	29.1	29.6	.2	-1.7	28.9	99.7	4.3
23:00	-1.4	-1.2	29.4	29.9	.3	-1.6	29.2	99.8	4.3
Avg	-3.6	-3.9	25.4	25.0	-.3	-5.5	22.1	88.2	3.3
Max	-1.4	-1.2	29.4	29.9	.4	-1.6	29.2	99.8	4.3
Hr. of Max	23	23	23	23	00	23	23	23	23
Min	-5.4	-6.1	22.2	21.1	-.7	-11.1	12.0	58.6	2.1
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	0.0016	0.0026	2.6	4.2	2503428.2	.0	.00	.00	-3.7
01:00	0.0018	0.0026	2.9	4.2	2503116.8	.0	.00	.00	-4.0
02:00	0.0018	0.0027	2.8	4.4	2501817.2	.0	.00	.00	-3.9
03:00	0.0016	0.0028	2.6	4.5	2501166.9	.0	.00	.00	-4.0
04:00	0.002	0.0026	3.2	4.2	2503245.1	.3	.01	.01	-4.0
05:00	0.0023	0.0025	3.6	4.1	2504161.6	.5	.02	.03	-4.0
06:00	0.0023	0.0026	3.7	4.1	2503645.2	.1	.00	.03	-4.0
07:00	0.0023	0.0026	3.7	4.2	2502969.4	.1	.00	.03	-3.6
08:00	0.0024	0.0027	3.7	4.3	2502607.1	.1	.00	.03	10.3
09:00	0.0024	0.0027	3.8	4.4	2502077.2	.5	.02	.05	29.9
10:00	0.0025	0.0028	4.0	4.4	2501597.8	1.2	.05	.10	36.3
11:00	0.0026	0.0028	4.1	4.4	2501581.4	1.4	.06	.16	37.4
12:00	0.0026	0.0028	4.1	4.5	2501300.9	2.5	.10	.26	22.7
13:00	0.0026	0.0029	4.1	4.6	2500594.1	.5	.02	.28	25.7
14:00	0.0027	0.003	4.2	4.7	2499501.1	.0	.00	.28	19.3
15:00	0.0028	0.0031	4.5	4.9	2498407.2	.0	.00	.28	10.2
16:00	0.0031	0.0032	4.9	5.1	2497343.4	.0	.00	.28	5.2
17:00	0.0032	0.0032	5.1	5.1	2496799.5	.0	.00	.28	-1.4
18:00	0.0032	0.0033	5.1	5.2	2496524.4	.0	.00	.28	-4.0
19:00	0.0033	0.0033	5.2	5.3	2496058.6	.0	.00	.28	-3.9
20:00	0.0033	0.0033	5.3	5.3	2495622.6	.0	.00	.28	-4.1
21:00	0.0034	0.0034	5.3	5.4	2495339.1	.0	.00	.28	-3.8
22:00	0.0034	0.0034	5.4	5.4	2495041.1	.0	.00	.28	-3.9
23:00	0.0034	0.0034	5.4	5.5	2494706.4	.0	.00	.28	-3.8
Avg	0.0026	0.0029	4.1	4.7	2499943.8	.3	.01	.16	5.9
Max	0.0034	0.0034	5.4	5.5	2504161.6	2.5	.10	.28	37.4
Hr. of Max	23	23	23	23	05	12	12	23	11
Min	0.0016	0.0025	2.6	4.1	2494706.4	.0	.00	.00	-4.1
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	29.41	995.9	154	67	85	67	26	6
01:00	-.01	29.38	995.1	19	58	34	60	36	6
02:00	-.01	29.37	994.6	56	54	63	54	47	7
03:00	-.01	29.36	994.4	72	67	74	66	37	9
04:00	-.01	29.35	994.0	57	61	63	61	33	10
05:00	-.01	29.34	993.5	35	50	48	52	40	9
06:00	-.01	29.34	993.5	70	71	86	72	54	16
07:00	-.01	29.33	993.3	64	65	70	66	31	11
08:00	.01	29.32	992.8	61	62	73	63	38	12
09:00	.04	29.31	992.5	64	61	69	62	54	13
10:00	.05	29.30	992.1	38	56	49	56	54	17
11:00	.05	29.29	992.0	304	315	304	315	30	30
12:00	.03	29.26	990.9	4	4	351	359	48	55
13:00	.04	29.24	990.1	282	295	283	291	29	19
14:00	.03	29.21	989.2	305	295	304	294	48	24
15:00	.01	29.21	989.2	210	223	204	225	39	29
16:00	.01	29.22	989.4	196	212	205	212	30	8
17:00	.00	29.22	989.5	42	227	47	224	32	13
18:00	-.01	29.24	990.4	37	305	50	292	15	18
19:00	-.01	29.26	990.8	54	139	54	156	23	45
20:00	-.01	29.26	991.1	64	9	73	11	27	7
21:00	-.01	29.26	991.0	63	9	74	9	27	21
22:00	-.01	29.27	991.2	89	323	113	346	33	32
23:00	-.01	29.27	991.2	168	346	126	69	49	27
Avg	.01	29.29	992.0	54	26	0	0	37	19
Max	.05	29.41	995.9	305	346	351	359	54	55
Hr. of Max	11	00	00	14	23	12	12	10	12
Min	-.01	29.21	989.2	4	4	34	9	15	6
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	.6	4.9	1.2	4.9	.5	2.2	5.5	8.7
01:00	.2	4.7	.4	4.7	.2	2.1	2.5	7.1
02:00	.7	5.4	.8	5.4	.4	2.4	4.4	9.2
03:00	1.2	4.4	1.3	4.4	.6	2.0	4.8	8.7
04:00	1.2	5.0	1.4	5.0	.6	2.3	5.5	8.0
05:00	1.3	6.4	1.6	6.5	.7	2.9	6.0	10.5
06:00	1.3	3.8	1.5	4.0	.7	1.8	5.3	9.2
07:00	2.3	6.5	2.6	6.6	1.2	3.0	10.3	12.4
08:00	2.1	6.9	2.5	7.0	1.1	3.2	8.9	12.1
09:00	1.4	5.4	1.7	5.5	.8	2.5	7.1	9.4
10:00	.8	3.3	1.1	3.4	.5	1.6	4.8	8.0
11:00	.8	1.2	1.0	1.4	.4	.6	3.0	3.0
12:00	.5	.9	.7	1.1	.3	.5	2.5	3.0
13:00	1.1	1.7	1.3	1.8	.6	.8	3.7	4.1
14:00	.6	1.9	.9	2.0	.4	.9	3.2	4.4
15:00	.6	2.0	.6	2.1	.3	.9	3.4	4.8
16:00	.7	3.5	.8	3.5	.4	1.6	3.0	6.0
17:00	.5	2.2	.7	2.2	.3	1.0	2.3	4.6
18:00	.7	1.0	.8	1.2	.3	.6	2.1	3.2
19:00	1.0	.3	1.3	1.2	.6	.6	3.0	2.7
20:00	.8	1.1	1.1	1.1	.5	.5	2.1	3.7
21:00	.6	3.7	.8	4.0	.3	1.8	2.5	6.0
22:00	.5	1.6	.8	1.7	.4	.8	2.7	4.6
23:00	.2	.0	.5	.7	.2	.3	2.5	2.7
Avg	3.0	3.0	1.1	3.3	.5	1.5	4.2	6.5
Max	2.3	6.9	2.6	7.0	1.2	3.2	10.3	12.4
Hr. of Max	07	08	07	08	07	08	07	07
Min	.2	.0	.4	.7	.2	.3	2.1	2.7
Count	24	24	24	24	24	24	24	24
Total								