Date Printed: 01/22/2016 10:15

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

Daily Summary Report

Site: Tower "K" (1208)

1/21/2016

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	-1.5	-1.2	29.4	29.9	.3	-1.6	29.2	99.8	4.3
01:00	-1.5	-1.4	29.4	29.5	.1	-1.6	29.2	99.8	4.3
02:00	-1.3	-1.3	29.7	29.6	.0	-1.4	29.5	99.8	4.4
03:00	-1.3	-1.3	29.6	29.7	.1	-1.4	29.4	99.8	4.4
04:00	-1.2	-1.3	29.8	29.7	.0	-1.3	29.6	99.8	4.4
05:00	-1.0	-1.1	30.2	30.0	-.1	-1.1	30.0	99.8	4.5
06:00	-.8	-1.0	30.6	30.3	-.2	-.9	30.4	99.8	4.6
07:00	-.7	-.8	30.7	30.6	-.1	-.8	30.5	99.8	
08:00	-.4	-.5	31.4	31.1	-.1	-.6	30.9	98.7	4.6
09:00	.1	-.3	32.1	31.4	-.4	-1.6	29.1	89.1	4.3
10:00	.4	-.1	32.7	31.8	-.5	-2.0	28.4	84.3	4.2
11:00	1.7	1.2	35.1	34.1	-.6	-3.3	26.0	69.6	3.8
12:00	3.3	2.5	38.0	36.5	-.8	-4.0	24.9	59.3	3.6
13:00	3.7	3.0	38.7	37.4	-.8	-3.1	26.3	61.2	3.8
14:00	4.1	3.4	39.4	38.1	-.7	-3.5	25.8	58.3	3.7
15:00	4.3	3.7	39.7	38.7	-.6	-3.2	26.2	58.6	3.8
16:00	4.1	3.7	39.4	38.6	-.4	-1.8	28.8	65.9	4.2
17:00	3.9	3.6	39.0	38.4	-.4	-1.4	29.5	68.9	4.3
18:00	3.5	3.3	38.4	37.9	-.2	-1.8	28.8	68.6	4.2
19:00	3.4	3.1	38.1	37.6	-.3	-1.3	29.7	71.8	4.4
20:00	3.3	3.0	38.0	37.4	-.3	-1.4	29.5	71.9	4.3
21:00	3.3	2.9	37.9	37.3	-.3	-1.9	28.5	69.2	4.2
22:00	2.8	2.5	37.0	36.4	-.3	-2.0	28.4	71.5	4.2
23:00	1.4	1.2	34.5	34.2	-.2	.5	33.0	94.7	5.0
Avg	1.4	1.1	34.5	34.0	-.3	-1.8	28.8	81.7	4.2
Max	4.3	3.7	39.7	38.7	.3	.5	33.0	99.8	5.0
Hr. of Max	15	16	15	15	00	23	23	07	23
Min	-1.5	-1.4	29.4	29.5	-.8	-4.0	24.9	58.3	3.6
Count	24	24	24	24	24	24	24	24	23
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	0.0034	0.0034	5.4	5.5	2494740.8	.0	.00	.00	-3.8
01:00	0.0034	0.0034	5.4	5.5	2494717.1	.0	.00	.00	-4.0
02:00	0.0035	0.0035	5.5	5.6	2494331.8	.0	.00	.00	-3.9
03:00	0.0035	0.0035	5.5	5.5	2494443.7	.0	.00	.00	-4.0
04:00	0.0035	0.0035	5.5	5.6	2494206.8	.0	.00	.00	-4.0
05:00	0.0035	0.0036	5.6	5.7	2493686.1	.0	.00	.00	-4.0
06:00	0.0036	0.0036	5.7	5.8	2493104.3	.0	.00	.00	-3.8
07:00	0.0036	0.0036	5.8	5.8	2492953.8	.0	.00	.00	-2.7
08:00	0.0037	0.0037	5.8	6.0	2492107.3	.0	.00	.00	15.4
09:00	0.0034	0.0039	5.4	6.1	2491079.8	.0	.00	.00	40.5
10:00	0.0033	0.0039	5.3	6.3	2490307.0	.0	.00	.00	121.0
11:00	0.003	0.0043	4.8	6.9	2487142.3	.0	.00	.06	486.5
12:00	0.0029	0.0049	4.6	7.8	2483359.0	.0	.00	.06	552.1
13:00	0.0031	0.005	4.9	8.0	2482370.5	.0	.00	.18	303.7
14:00	0.003	0.0052	4.8	8.2	2481536.4	.0	.00	.01	241.9
15:00	0.0031	0.0052	4.8	8.3	2481065.0	.0	.00	.00	138.6
16:00	0.0034	0.0052	5.4	8.2	2481550.1	.0	.00	.00	66.7
17:00	0.0035	0.0051	5.5	8.1	2481979.9	.0	.00	.00	9.3
18:00	0.0034	0.005	5.4	7.9	2482844.1	.0	.00	.00	-3.4
19:00	0.0035	0.0049	5.6	7.8	2483174.7	.0	.00	.00	-3.4
20:00	0.0035	0.0049	5.5	7.8	2483398.4	.0	.00	.00	-3.6
21:00	0.0034	0.0049	5.3	7.7	2483526.9	.0	.00	.00	-3.5
22:00	0.0034	0.0047	5.3	7.5	2484720.5	.0	.00	.00	-3.5
23:00	0.004	0.0043	6.4	6.8	2487934.9	1.3	.05	.05	-3.5
Avg	0.0034	0.0043	5.4	6.9	2487928.4	.1	.00	.02	80.2
Max	0.004	0.0052	6.4	8.3	2494740.8	1.3	.05	.18	552.1
Hr. of Max	23	16	23	15	00	23	23	13	12
Min	0.0029	0.0034	4.6	5.5	2481065.0	.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	991.3	28	119	36	112	29	16
01:00	-.01	29.27	991.3	53	41	32	37	39	11
02:00	-.01	29.28	991.5	89	46	114	44	31	8
03:00	-.01	29.28	991.5	17	56	37	56	42	8
04:00	-.01	29.27	991.2	349	57	82	55	48	11
05:00	-.01	29.27	991.1	82	59	80	59	45	5
06:00	-.01	29.27	991.2	74	61	73	61	32	5
07:00	.00	29.28	991.7	69	52	71	52	49	10
08:00	.02	29.29	991.9	69	59	70	59	47	9
09:00	.06	29.30	992.3	63	61	67	62	43	10
10:00	.17	29.31	992.6	64	59	69	59	49	13
11:00	.70	29.31	992.7	70	70	76	66	40	20
12:00	.79	29.28	991.6	61	66	72	65	45	17
13:00	.44	29.25	990.5	91	81	89	82	22	16
14:00	.35	29.22	989.5	81	74	83	73	23	13
15:00	.20	29.21	989.1	55	56	61	55	43	14
16:00	.10	29.20	988.7	76	64	79	65	35	12
17:00	.01	29.18	988.2	81	75	82	75	20	12
18:00	.00	29.17	987.9	70	62	74	62	43	9
19:00	.00	29.17	987.8	78	62	76	62	30	10
20:00	-.01	29.16	987.4	75	60	76	60	43	11
21:00	.00	29.14	986.8	74	62	76	62	43	11
22:00	-.01	29.10	985.6	75	60	74	60	44	10
23:00	-.01	29.07	984.4	79	59	79	59	39	8
Avg	.11	29.23	989.9	66	63	0	0	39	11
Max	.79	29.31	992.7	349	119	114	112	49	20
Hr. of Max	12	11	11	04	00	02	00	10	11
Min	-.01	29.07	984.4	17	41	32	37	20	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	.8	2.1	.9	2.4	.4	1.1	3.0	4.6
01:00	.4	2.8	.7	2.9	.3	1.3	2.3	6.0
02:00	.2	3.0	.6	3.0	.3	1.4	2.1	6.6
03:00	.5	3.6	.7	3.6	.3	1.6	2.5	5.7
04:00	.1	4.5	.5	4.6	.2	2.1	3.0	7.8
05:00	1.0	7.6	1.1	7.6	.5	3.4	5.3	12.4
06:00	1.8	9.2	2.0	9.2	.9	4.1	7.6	13.1
07:00	1.1	7.3	1.4	7.3	.6	3.3	6.0	14.2
08:00	1.8	10.0	2.1	10.0	1.0	4.5	11.7	18.1
09:00	2.9	11.5	3.5	11.6	1.5	5.2	12.6	20.2
10:00	3.0	12.2	3.6	12.4	1.6	5.6	15.3	21.1
11:00	2.5	6.3	3.0	6.8	1.3	3.1	12.6	19.9
12:00	2.7	6.9	3.2	7.2	1.5	3.2	10.5	15.8
13:00	4.7	7.1	4.9	7.3	2.2	3.3	12.1	13.7
14:00	4.8	9.9	5.1	10.1	2.3	4.5	23.1	57.5
15:00	1.8	7.5	2.4	7.7	1.1	3.5	8.5	14.2
16:00	3.1	9.2	3.5	9.4	1.6	4.2	12.4	16.5
17:00	3.8	8.5	4.0	8.6	1.8	3.9	9.4	16.5
18:00	2.4	10.4	2.9	10.5	1.3	4.7	9.6	17.6
19:00	3.3	11.6	3.7	11.8	1.6	5.3	13.1	20.8
20:00	3.1	12.8	3.7	13.0	1.6	5.8	14.7	22.0
21:00	3.2	13.2	3.9	13.4	1.7	6.0	12.1	22.9
22:00	3.4	13.5	4.0	13.6	1.8	6.1	14.4	22.7
23:00	2.5	12.5	2.9	12.6	1.3	5.6	9.4	19.2
Avg	4.0	4.0	2.7	8.6	1.2	3.9	9.7	17.0
Max	4.8	13.5	5.1	13.6	2.3	6.1	23.1	57.5
Hr. of Max	14	22	14	22	14	22	14	14
Min	.1	2.1	.5	2.4	.2	1.1	2.1	4.6
Count	24	24	24	24	24	24	24	24
Total								