Date Printed: 01/25/2017 06:32

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

Daily Summary Report

Site: Tower "K" (1208)

1/23/2017

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	12.4	12.9	54.3	55.2	.5	11.9	53.4	98.0	10.6
01:00	12.5	12.8	54.5	55.0	.3	12.0	53.6	98.1	10.6
02:00	12.2	12.3	53.9	54.1	.1	11.7	53.1	98.2	10.5
03:00	10.3	9.9	50.6	49.8	-.4	9.9	49.7	98.0	9.3
04:00	9.6	9.2	49.3	48.5	-.4	9.1	48.3	97.8	8.9
05:00	9.4	9.0	49.0	48.2	-.4	8.9	48.0	97.5	8.7
06:00	9.0	8.8	48.3	47.8	-.3	8.5	47.3	97.6	8.5
07:00	9.1	8.8	48.4	47.8	-.3	8.6	47.5	97.8	8.6
08:00	9.3	9.0	48.7	48.2	-.3	8.8	47.8	97.9	8.7
09:00	10.4	10.8	50.8	51.4	.3	9.9	49.9	98.0	9.4
10:00	12.3	12.0	54.2	53.6	-.3	11.7 -	53.1 -	97.6	10.5 -
11:00	12.2	11.7	54.0	53.1	-.5	11.3	52.3	95.4	10.2
12:00	12.4	11.8	54.3	53.2	-.6	9.5	49.0	83.3	9.0
13:00	12.4	12.0	54.4	53.6	-.4	9.0	48.2	80.5	8.7
14:00	12.2	11.7	53.9	53.0	-.5	8.9	48.1	81.7	8.7
15:00	11.6	11.0	52.9	51.7	-.6	7.6	45.7	77.9	8.0
16:00	10.2	9.6	50.3	49.3	-.6	8.1	46.6	88.1	8.3
17:00	9.3	8.8	48.7	47.8	-.5	8.2	46.7	93.9	8.4
18:00	8.8	8.4	47.9	47.1	-.5	8.2	46.8	97.0	8.4
19:00	8.4	7.9	47.1	46.3	-.4	7.8	46.0	97.2	8.2
20:00	7.8	7.4	46.0	45.3	-.4	7.2	45.0	97.2	7.9
21:00	7.3	6.8	45.1	44.2	-.5	6.7	44.1	97.1	7.6
22:00	7.1	6.5	44.7	43.6	-.6	5.6	42.1	91.4	7.1
23:00	6.9	6.3	44.3	43.3	-.6	5.0	40.9	88.6	6.7
Avg	10.1	9.8	50.2	49.6	-.3	8.9	48.1	93.6	8.8
Max	12.5	12.9	54.5	55.2	.5	12.0	53.6	98.2	10.6
Hr. of Max	01	00	01	00	00	01	01	02	01
Min	6.9	6.3	44.3	43.3	-.6	5.0	40.9	77.9	6.7
Count	24	24	24	24	24	24	24	24	24
Total									

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Daily Summary Report

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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	0.0092	0.0094	13.9	14.4	2461812.7	.5	.02	.02	-3.1
01:00	0.0093	0.0094	14.0	14.5	2461600.2	.0	.00	.00	-3.1
02:00	0.0091	0.0092	13.8	14.2	2462321.5	.0	.00	.00	-3.3
03:00	0.008	0.0082	12.2	12.6	2466708.3	.3	.01	.01	-3.1
04:00	0.0076	0.0078	11.6	12.0	2468479.3	.3	.01	.01	-3.0
05:00	0.0075	0.0077	11.4	11.8	2468884.0	.0	.00	.00	-3.0
06:00	0.0073	0.0075	11.1	11.5	2469791.5	.8	.03	.03	-3.1
07:00	0.0073	0.0075	11.2	11.6	2469648.3	.3	.01	.01	-2.7
08:00	0.0074	0.0076	11.3	11.7	2469271.4	.3	.01	.01	23.9
09:00	0.008	0.0082	12.3	12.7	2466491.1	.0	.00	.00	63.2
10:00	0.009 -	0.0093 -	13.8 -	14.3	2462044.6	.3	.01	.01	76.5
11:00	0.0088	0.0092	13.4	14.3	2462254.9	.0	.00	.00	53.6
12:00	0.0077	0.0093	11.9	14.4	2461831.6	.0	.00	.00	129.6
13:00	0.0075	0.0093	11.5	14.4	2461768.6	.0	.00	.00	118.6
14:00	0.0075	0.0091	11.5	14.2	2462403.9	.0	.00	.00	136.4
15:00	0.0068	0.0088	10.5	13.7	2463754.0	.0	.00	.00	248.5
16:00	0.007	0.008	10.8	12.4	2467122.9	.0	.00	.00	62.6
17:00	0.0071	0.0075	10.9	11.7	2469194.8	.0	.00	.00	4.1
18:00	0.0071	0.0073	10.9	11.4	2470297.9	.0	.00	.00	-3.0
19:00	0.0068	0.007	10.6	11.0	2471371.2	.0	.00	.00	-3.2
20:00	0.0066	0.0068	10.2	10.6	2472783.0	.3	.01	.01	-3.2
21:00	0.0063	0.0065	9.8	10.2	2473978.0	.0	.00	.00	-3.2
22:00	0.0059	0.0064	9.1	10.1	2474463.5	.0	.00	.00	-3.3
23:00	0.0056	0.0063	8.7	9.9	2474978.6	.0	.00	.00	-3.5
Avg	0.0075	0.0081	11.5	12.5	2467219.0	.1	.00	.00	36.4
Max	0.0093	0.0094	14.0	14.5	2474978.6	.8	.03	.03	248.5
Hr. of Max	01	01	01	01	23	06	06	06	15
Min	0.0056	0.0063	8.7	9.9	2461600.2	.0	.00	.00	-3.5
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	.00	28.25	956.6	43	48	54	48	33	17
01:00	.00	28.25	956.6	31	22	111	23	48	24
02:00	.00	28.27	957.2	146	128	195	166	45	21
03:00	.00	28.28	957.8	242	238	243	237	18	11
04:00	.00	28.29	958.1	243	237	249	239	20	11
05:00	.00	28.30	958.2	223	221	225	222	21	11
06:00	.00	28.32	958.9	65	191	87	162	45	58
07:00	.00	28.34	959.9	186	212	202	210	24	18
08:00	.03	28.37	960.8	260	267	245	276	16	8
09:00	.09	28.41	962.2	18	302	11	306	38	10
10:00	.11	28.45 -	963.6 -	320	303	318	304	17	7
11:00	.08	28.48	964.6	311	299	307	299	20	12
12:00	.19	28.50	965.2	320	307	317	307	22	11
13:00	.17	28.50	965.3	331	313	329	314	22	12
14:00	.20	28.52	966.0	325	311	322	311	24	13
15:00	.36	28.55	966.7	320	305	318	305	20	10
16:00	.09	28.59	968.3	307	294	305	295	18	9
17:00	.01	28.63	969.7	294	286	291	286	18	9
18:00	.00	28.68	971.2	295	289	292	289	19	11
19:00	.00	28.72	972.7	297	286	293	286	20	10
20:00	.00	28.75	973.8	304	291	298	291	23	12
21:00	.00	28.78	974.7	284	278	281	279	18	13
22:00	.00	28.80	975.2	293	284	288	284	22	12
23:00	-.01	28.81	975.6	297	286	292	286	21	11
Avg	.06	28.49	965.0	303	283	0	0	25	14
Max	.36	28.81	975.6	331	313	329	314	48	58
Hr. of Max	15	23	23	13	13	13	13	01	06
Min	-.01	28.25	956.6	18	22	11	23	16	7
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	2.0	9.7	2.7	10.4	1.2	4.7	9.2	16.7
01:00	.2	4.8	1.0	5.2	.4	2.4	4.8	12.4
02:00	1.2	1.9	2.2	4.3	1.0	2.0	13.3	18.5
03:00	7.0	11.5	7.5	11.8	3.3	5.3	19.9	20.6
04:00	4.5	7.5	4.9	7.7	2.2	3.5	13.3	14.9
05:00	3.0	6.1	3.2	6.2	1.4	2.8	6.9	8.9
06:00	.3	.7	1.3	2.2	.6	1.0	4.6	6.4
07:00	.6	1.8	1.1	2.2	.5	1.0	3.0	3.9
08:00	.7	1.3	.7	1.4	.3	.7	3.2	6.9
09:00	.6	6.7	1.0	6.7	.4	3.0	6.2	15.3
10:00	3.6	11.7	3.8	11.8	1.7	5.3	15.1	20.6
11:00	3.7	10.5	4.0	10.6	1.8	4.8	10.1	19.5
12:00	4.2	13.2	4.6	13.5	2.0	6.1	16.3	22.2
13:00	3.8	13.5	4.1	13.8	1.8	6.2	13.5	23.4
14:00	4.4	14.8	4.9	15.1	2.2	6.8	18.3	29.5
15:00	6.2	20.4	6.7	20.7	3.0	9.3	22.9	35.7
16:00	7.2	19.6	7.7	19.9	3.4	8.9	19.7	32.7
17:00	8.0	15.6	8.4	15.8	3.8	7.1	19.0	25.0
18:00	6.6	13.1	7.0	13.3	3.1	6.0	22.2	24.0
19:00	5.9	12.6	6.2	12.8	2.8	5.7	16.9	21.3
20:00	5.0	12.2	5.4	12.4	2.4	5.6	18.1	24.7
21:00	7.9	11.9	8.3	12.2	3.7	5.5	25.4	24.7
22:00	7.6	13.9	8.0	14.2	3.6	6.3	24.0	25.6
23:00	6.0	12.3	6.4	12.5	2.9	5.6	16.5	20.2
Avg	4.2	4.2	4.6	10.6	2.1	4.8	14.3	19.7
Max	8.0	20.4	8.4	20.7	3.8	9.3	25.4	35.7
Hr. of Max	17	15	17	15	17	15	21	15
Min	.2	.7	.7	1.4	.3	.7	3.0	3.9
Count	24	24	24	24	24	24	24	24
Total								