Date Printed: 04/06/2017 06:44

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

Daily Summary Report

Site: Tower "K" (1208)

4/5/2017

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	15.0	18.7	59.1	65.7	3.7	11.5	52.8	80.8	10.3
01:00	14.1	18.3	57.3	64.9	4.2	11.5	52.7	85.7	10.3
02:00	13.5	18.0	56.4	64.5	4.5	10.9	51.5	85.0	9.9
03:00	13.1	17.2	55.6	63.0	4.2	10.5	50.9	85.3	9.6
04:00	11.7	15.8	53.0	60.5	4.2	10.7	51.3	95.2	9.8
05:00	11.8	15.3	53.3	59.5	3.4	10.6	51.1	93.5	9.8
06:00	11.0	14.1	51.8	57.3	3.1	10.1	50.2	95.5	9.5
07:00	10.6	14.2	51.0	57.6	3.6	9.5	49.1	94.4	9.1
08:00	10.7	13.5	51.3	56.3	2.8	8.8	47.9	89.2	8.7
09:00	12.3	14.3	54.1	57.8	2.1	9.1	48.4	82.1	8.8
10:00	14.1	14.9	57.5	58.8	.7	10.0	50.0	77.1	9.3
11:00	15.5	15.4	59.9	59.7	-.1	10.5	50.8	73.0	9.5
12:00	17.2	16.7	62.9	62.0	-.5	10.4	50.8	65.6	9.5
13:00	19.4	18.7	66.9	65.7	-.7	10.9	51.6	59.0	9.7
14:00	22.3	20.7	72.2	69.3	-1.6	11.4	52.5	51.0	10.0
15:00	22.7	21.5	72.8	70.7	-1.2	13.6	56.4	57.7	11.5
16:00	22.7	22.0	72.9	71.5	-.8	14.7	58.5	62.0	12.4
17:00	22.4	21.7	72.3	71.0	-.7	13.7	56.7	59.2	11.6
18:00	22.1	21.2	71.7	70.1	-.9	13.2	55.8	58.4	11.2
19:00	20.7	20.4	69.3	68.8	-.3	14.4	57.8	68.6	12.1
20:00	18.4	18.3	65.1	64.9	-.1	15.5	59.8	85.5	13.1
21:00	14.8	14.9	58.6	58.9	.1	14.1	57.4	97.5	12.2
22:00	15.0	15.0	59.0	58.9	.0	14.4	57.9	97.9	12.4
23:00	15.2	15.3	59.4	59.6	.1	14.7	58.4	98.1	12.6
Avg	16.1	17.3	61.0	63.2	1.2	11.9	53.3	79.1	10.5
Max	22.7	22.0	72.9	71.5	4.5	15.5	59.8	98.1	13.1
Hr. of Max	16	16	16	16	02	20	20	23	20
Min	10.6	13.5	51.0	56.3	-1.6	8.8	47.9	51.0	8.7
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	0.0088	0.0109	13.7	17.1	2455553.9	.0	.00	.00	-3.2
01:00	0.0088	0.0102	13.6	16.1	2457835.7	.0	.00	.00	-3.0
02:00	0.0084	0.0099	13.0	15.6	2459106.8	.0	.00	.00	-3.2
03:00	0.0082	0.0096	12.7	15.1	2460178.1	.0	.00	.00	-3.2
04:00	0.0083	0.0087	12.9	13.7	2463561.7	.0	.00	.00	-3.3
05:00	0.0083	0.0088	12.8	13.9	2463152.1	.0	.00	.00	-3.4
06:00	0.008	0.0084	12.4	13.2	2465133.9	.0	.00	.00	-3.3
07:00	0.0077	0.0081	11.9	12.8	2466205.4	.0	.00	.00	19.6
08:00	0.0073	0.0082	11.4	12.9	2465804.5	.0	.00	.00	59.0
09:00	0.0075	0.0091	11.6	14.3	2462155.8	.0	.00	.00	151.5
10:00	0.0079	0.0103	12.3	16.2	2457681.3	.0	.00	.00	98.3
11:00	0.0082	0.0113	12.7	17.7	2454405.6	.0	.00	.00	91.6
12:00	0.0082	0.0125	12.7	19.7	2450447.6	.0	.00	.00	216.5
13:00	0.0085	0.0144	13.1	22.6	2445247.5	.0	.00	.00	791.3
14:00	0.0088	0.0173	13.6	27.0	2438301.4	.0	.00	.00	794.9
15:00	0.0102	0.0176	15.7	27.6	2437459.5	.0	.00	.00	435.8
16:00	0.011	0.0177	16.9	27.7	2437308.8	.0	.00	.00	174.9
17:00	0.0103	0.0173	15.8	27.1	2438160.5	.0	.00	.00	167.5
18:00	0.0099	0.017	15.3	26.6	2438898.3	.0	.00	.00	177.1
19:00	0.0107	0.0157	16.5	24.5	2442126.6	.3	.01	.00	5.6
20:00	0.0115	0.0137	17.6	21.3	2447615.9	10.7	.41	.22	-2.8
21:00	0.0105	0.0108	16.2	16.8	2456175.8	.8	.03	.02	-3.1
22:00	0.0107	0.0109	16.4	17.1	2455680.2	.0	.00	.00	-3.0
23:00	0.0109	0.0111	16.7	17.3	2455101.3	.0	.00	.00	-3.0
Avg	0.0091	0.0121	14.1	18.9	2453054.1	.5	.02	.01	131.2
Max	0.0115	0.0177	17.6	27.7	2466205.4	10.7	.41	.22	794.9
Hr. of Max	20	16	20	16	07	20	20	20	14
Min	0.0073	0.0081	11.4	12.8	2437308.8	.0	.00	.00	-3.4
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	28.91	979.1	126	60	175	76	70	52
01:00	.00	28.90	978.8	16	104	9	101	48	9
02:00	.00	28.90	978.6	35	72	87	73	60	5
03:00	.00	28.88	978.1	76	64	116	64	69	3
04:00	.00	28.90	978.6	262	151	217	89	31	31
05:00	.00	28.90	978.7	61	20	71	35	47	48
06:00	.00	28.91	979.1	58	11	133	61	51	30
07:00	.03	28.90	978.7	334	65	165	64	42	6
08:00	.08	28.90	978.7	358	47	213	54	45	24
09:00	.22	28.87	977.7	29	61	37	61	49	6
10:00	.14	28.86	977.2	322	66	166	64	45	15
11:00	.13	28.85	977.1	49	67	70	66	43	10
12:00	.31	28.82	976.1	87	118	92	112	52	45
13:00	1.13	28.78	974.7	243	234	242	231	42	38
14:00	1.14	28.75	973.8	196	191	193	187	29	19
15:00	.63	28.73	973.1	192	194	192	194	20	12
16:00	.25	28.72	972.5	181	183	182	183	23	17
17:00	.24	28.70	972.1	181	183	182	183	20	12
18:00	.25	28.68	971.3	181	178	181	178	22	16
19:00	.01	28.65	970.4	173	173	176	174	24	15
20:00	.00	28.64	969.9	192	197	197	197	36	22
21:00	.00	28.66	970.7	228	218	222	215	25	15
22:00	.00	28.67	970.8	239	231	224	227	25	12
23:00	.00	28.68	971.2	237	231	239	229	18	9
Avg	.19	28.80	975.3	167	132	0	0	39	20
Max	1.14	28.91	979.1	358	234	242	231	70	52
Hr. of Max	14	06	06	08	13	13	13	00	00
Min	.00	28.64	969.9	16	11	9	35	18	3
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	.4	2.3	.6	2.6	.3	1.2	2.5	5.7
01:00	.3	4.3	.4	4.4	.2	2.0	2.3	8.2
02:00	.3	6.9	.7	6.9	.3	3.1	3.2	9.4
03:00	.2	9.6	.6	9.5	.3	4.3	2.7	12.8
04:00	1.1	2.1	1.5	3.2	.7	1.5	4.4	10.3
05:00	.5	1.9	1.2	2.1	.6	1.0	2.7	5.3
06:00	.4	1.5	1.0	1.7	.5	.8	3.2	6.2
07:00	.1	5.8	.7	5.8	.3	2.6	2.5	7.8
08:00	.2	3.3	.7	3.4	.3	1.5	2.3	6.0
09:00	.6	7.6	1.1	7.6	.5	3.4	5.7	11.2
10:00	.2	4.1	.7	4.2	.3	1.9	2.3	8.2
11:00	.9	5.1	1.1	5.2	.5	2.3	5.0	8.2
12:00	1.5	3.8	1.9	4.4	.8	2.0	6.2	9.8
13:00	3.4	4.6	4.4	5.6	2.0	2.5	12.8	13.7
14:00	6.5	11.0	7.6	11.8	3.4	5.3	28.4	30.2
15:00	10.1	16.7	10.7	17.0	4.8	7.6	22.7	29.1
16:00	7.9	13.6	8.7	14.3	3.9	6.4	21.8	28.2
17:00	11.9	20.0	12.5	20.4	5.6	9.1	31.8	37.8
18:00	9.6	16.2	10.2	16.7	4.6	7.5	32.3	35.0
19:00	9.0	16.3	9.8	16.9	4.4	7.6	26.3	33.9
20:00	8.1	15.8	10.4	18.1	4.7	8.1	39.2	46.7
21:00	3.6	9.1	4.4	9.5	2.0	4.3	15.8	23.8
22:00	1.7	5.9	2.8	6.6	1.3	3.0	7.6	12.6
23:00	3.8	10.1	4.2	10.4	1.9	4.7	8.7	15.3
Avg	2.5	2.5	4.1	8.6	1.8	3.9	12.2	17.3
Max	11.9	20.0	12.5	20.4	5.6	9.1	39.2	46.7
Hr. of Max	17	17	17	17	17	17	20	20
Min	.1	1.5	.4	1.7	.2	.8	2.3	5.3
Count	24	24	24	24	24	24	24	24
Total								