Date Printed: 10/13/2015 03:03

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

Daily Summary Report

Site: Tower "K" (1208)

10/9/2015

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	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	19.8	20.8	67.6	69.4	1.0	18.7	65.7	95.9	16.0
01:00	19.0	20.0	66.3	68.0	1.0	18.6	65.5	99.7	16.0
02:00	18.7	19.9	65.7	67.9	1.2	18.4	65.1	100.1	15.7
03:00	18.4	19.3	65.2	66.8	.9	18.1	64.6	100.2	15.5
04:00	18.7	19.2	65.7	66.6	.5	18.2	64.8	99.2	15.6
05:00	18.3	18.9	64.9	65.9	.6	17.9	64.3	100.1	15.3
06:00	18.2	18.4	64.8	65.2	.2	18.0	64.4	100.6	15.4
07:00	18.2	18.1	64.8	64.6	-.1	18.0	64.4	100.7	15.4
08:00	18.1	18.0	64.5	64.4	-.1	17.8	64.1	100.7	15.2
09:00	18.7	18.3	65.6	64.9	-.4	17.9	64.2	97.6	15.3
10:00	19.6	19.0	67.4	66.1	-.7	16.4	61.5	83.1	13.8
11:00	21.5	20.5	70.8	68.9	-1.0	15.7	60.3	71.0	13.2
12:00	23.1	22.2	73.6	71.9	-1.0	16.5	61.7	67.8	13.8
13:00	24.3	23.0	75.7	73.4	-1.3	17.1	62.8	65.9	14.3
14:00	25.2	23.9	77.4	75.0	-1.3	16.6	61.8	60.3	13.8
15:00	26.1	24.7	78.9	76.5	-1.3	15.8	60.4	54.7	13.1
16:00	26.4	25.0	79.5	77.0	-1.4	15.6	60.0	52.7	12.9
17:00	25.5	24.6	77.9	76.3	-.9	17.3	63.1	61.8	14.4
18:00	20.3 P	20.3 P	68.5 P	68.6 P	.0 P	P	P	88.9 P	
19:00	18.8	18.8	65.9	65.8	.0	18.6	65.5	100.7	
20:00	18.6	18.6	65.4	65.5	.0	18.3	65.0	100.7	
21:00	17.7	17.5	63.9	63.4	-.3	17.5	63.5	100.7	
22:00	17.3	17.0	63.1	62.5	-.3	17.1	62.7	100.7	
23:00	16.9	16.7	62.4	62.1	-.2	16.7	62.1	100.8	
Avg	20.3	20.1	68.6	68.2	-.2	17.4	63.4	87.7	14.7
Max	26.4	25.0	79.5	77.0	1.2	18.7	65.7	100.8	16.0
Hr. of Max	16	16	16	16	02	00	00	23	01
Min	16.9	16.7	62.4	62.1	-1.4	15.6	60.0	52.7	12.9
Count	24	24	24	24	24	23	23	24	18
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	0.014	0.0146	21.7	23.1	2444328.6	.0	.00	.00	-2.7
01:00	0.0139	0.0139	21.5	22.1	2446055.2	.0	.00	.00	-2.8
02:00	0.0136	0.0136	21.2	21.6	2446851.3	.0	.00	.00	-2.6
03:00	0.0134	0.0134	20.8	21.2	2447519.6	.0	.00	.00	-2.9
04:00	0.0135	0.0136	21.0	21.6	2446864.3	.0	.00	.00	-2.9
05:00	0.0133	0.0133	20.6	21.0	2447903.4	2.8	.11	.11	-2.6
06:00	0.0133	0.0132	20.7	21.0	2447974.7	.3	.01	.01	-2.3
07:00	0.0133	0.0132	20.7	21.0	2447984.1	.0	.00	.00	-1.2
08:00	0.0132	0.0131	20.5	20.8	2448351.0	.3	.01	.01	4.9
09:00	0.0132	0.0136	20.6	21.6	2446953.0	.0	.00	.00	178.2
10:00	0.012	0.0144	18.7	22.9	2444639.2	.0	.00	.00	222.9
11:00	0.0115	0.0162	17.9	25.8	2440141.6	.0	.00	.00	571.8
12:00	0.0121	0.0179	18.9	28.4	2436389.4	.0	.00	.00	597.9
13:00	0.0126	0.0192	19.6	30.4	2433648.2	.0	.00	.00	487.8
14:00	0.0122	0.0203	19.0	32.2	2431407.2	.0	.00	.00	537.0
15:00	0.0117	0.0214	18.1	33.8	2429395.6	.0	.00	.00	440.7
16:00	0.0115	0.0218	17.8	34.5	2428565.4	.0	.00	.00	389.1
17:00	0.0128	0.0207	19.8	32.8	2430684.7	.0	.00	.00	193.6
18:00	0.0132 P	0.0152 P	20.5 P	24.0 P	2443071.5 P	13.5 P	.53 P	<	3.0 P
19:00	0.0139	0.0138	21.5	21.8	2446552.0	.0	.00	.00	-2.5
20:00	0.0136	0.0135	21.1	21.5	2447157.8	.5	.02	.02	-2.7
21:00	0.0129	0.0128	20.1	20.3	2449178.8	.5	.02	.02	-2.6
22:00	0.0125	0.0124	19.5	19.7	2450279.8	.3	.01	.01	-2.7
23:00	0.0122	0.0122	19.1	19.3	2451165.0	.0	.00	.00	-2.7
Avg	0.0129	0.0153	20.0	24.3	2443044.2	.8	.03	.01	149.7
Max	0.014	0.0218	21.7	34.5	2451165.0	13.5	.53	.11	597.9
Hr. of Max	00	16	00	16	23	18	18	05	12
Min	0.0115	0.0122	17.8	19.3	2428565.4	.0	.00	.00	-2.9
Count	24	24	24	24	24	24	24	23	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	29.15	987.1	153	222	134	222	42	6
01:00	.00	29.14	987.0	351	246	355	248	55	14
02:00	.00	29.14	987.0	143	237	109	236	34	7
03:00	.00	29.15	987.0	315	214	246	215	37	8
04:00	.00	29.14	987.0	65	204	82	203	56	16
05:00	.00	29.15	987.1	129	228	128	227	53	27
06:00	.00	29.16	987.5	196	214	201	214	16	8
07:00	.00	29.16	987.6	224	231	222	229	19	7
08:00	.01	29.18	988.1	145	234	146	233	41	12
09:00	.26	29.19	988.5	167	229	179	231	40	21
10:00	.32	29.19	988.6	222	220	221	218	26	19
11:00	.82	29.18	988.1	236	220	240	223	26	18
12:00	.86	29.16	987.6	230	222	233	223	25	17
13:00	.70	29.14	986.8	206	207	206	207	25	19
14:00	.77	29.11	985.7	227	223	229	223	22	13
15:00	.63	29.07	984.6	203	201	205	200	29	17
16:00	.56	29.05	983.7	206	208	206	208	24	14
17:00	.28	29.04	983.5	210	208	206	205	23	14
18:00	.00 P	29.07 P	984.4 P	339 P	332 P	317 P	325 P	56 P	37 P
19:00	.00	29.09	985.3	141	97	129	73	55	43
20:00	.00	29.12	986.2	120	122	119	121	19	12
21:00	.00	29.13	986.5	22	49	74	59	63	15
22:00	.00	29.14	986.8	215	25	63	30	63	36
23:00	.00	29.15	987.2	302	332	281	333	70	18
Avg	.22	29.13	986.6	197	221	0	0	38	17
Max	.86	29.19	988.6	351	332	355	333	70	43
Hr. of Max	12	10	10	01	23	01	23	23	19
Min	.00	29.04	983.5	22	25	63	30	16	6
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	.3	4.5	.3	4.6	.2	2.1	1.8	7.3
01:00	.2	3.0	.6	3.5	.3	1.6	2.3	6.2
02:00	.1	4.6	.7	4.7	.3	2.1	2.1	7.8
03:00	.1	5.1	.6	5.1	.3	2.3	2.3	9.2
04:00	.2	2.1	.4	2.1	.2	1.0	2.5	4.4
05:00	.3	2.7	1.1	3.1	.5	1.4	3.2	9.4
06:00	1.6	6.0	1.8	6.1	.8	2.7	5.7	10.5
07:00	1.8	5.9	1.9	6.0	.9	2.7	5.5	10.1
08:00	.3	2.7	.6	2.8	.3	1.3	2.1	5.7
09:00	.8	2.5	.9	2.7	.4	1.2	3.4	5.5
10:00	2.3	3.7	2.6	3.9	1.1	1.8	6.0	8.5
11:00	4.2	5.9	4.7	6.1	2.1	2.8	11.9	12.8
12:00	5.2	7.6	5.8	8.0	2.6	3.6	13.5	15.3
13:00	4.4	7.1	4.8	7.4	2.1	3.3	11.7	13.1
14:00	5.1	8.0	5.8	8.5	2.6	3.8	12.6	13.7
15:00	5.4	9.3	6.0	9.7	2.7	4.4	14.9	16.3
16:00	6.4	11.5	6.9	11.8	3.1	5.3	15.8	19.5
17:00	4.8	9.0	5.3	9.3	2.3	4.2	13.3	17.4
18:00	1.2 P	10.3 P	2.4 P	11.7 P	1.1 P	5.2 P	<	<
19:00	.7	2.7	1.4	4.0	.6	1.8	5.0	12.8
20:00	2.2	6.6	2.5	6.8	1.1	3.1	8.9	14.0
21:00	.7	4.4	1.0	5.0	.5	2.2	6.9	11.7
22:00	.2	2.8	.3	3.1	.1	1.4	2.7	6.4
23:00	.1	3.8	.2	4.5	.1	2.0	3.9	7.3
Avg	2.5	2.5	2.4	5.8	1.1	2.6	6.9	10.6
Max	6.4	11.5	6.9	11.8	3.1	5.3	15.8	19.5
Hr. of Max	16	16	16	16	16	16	16	16
Min	.1	2.1	.2	2.1	.1	1.0	1.8	4.4
Count	24	24	24	24	24	24	23	23
Total								