Date Printed: 07/13/2016 08:30

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

Daily Summary Report

Site: Tower "K" (1208)

7/12/2016

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	22.8	23.4	73.1	74.1	.5	21.9	71.5	97.3	19.3
01:00	22.0	22.4	71.6	72.3	.4	21.2	70.2	98.0	18.6
02:00	21.7	22.0	71.1	71.7	.3	21.0	69.7	98.1	18.3
03:00	21.5	22.1	70.6	71.8	.6	20.8	69.4	98.2	18.1
04:00	21.3	21.8	70.4	71.3	.5	20.6	69.1	98.2	17.9
05:00	21.2	21.5	70.2	70.7	.3	20.5	68.9	98.3	17.8
06:00	21.3	21.5	70.3	70.7	.2	20.6	69.0	98.2	17.9
07:00	21.6	21.4	70.8	70.6	-.1	20.7	69.2	97.1	18.0
08:00	22.3	21.7	72.2	71.1	-.6	20.3	68.5	90.3	17.5
09:00	23.5	22.6	74.4	72.6	-1.0	19.2	66.5	78.7	16.3
10:00	25.2	24.2	77.4	75.5	-1.1	17.7	63.9	64.9	14.8
11:00	27.2	25.7	81.0	78.2	-1.5	17.7	63.8	57.4	14.7
12:00	28.7	27.2	83.6	81.0	-1.4	18.5	65.4	55.8	15.5
13:00	29.8	28.5	85.7	83.4	-1.3	19.2	66.6	54.6	16.1
14:00	30.6	29.2	87.2	84.6	-1.4	19.1	66.4	51.8	15.9
15:00	25.6	24.9	78.1	76.9	-.7	18.0	64.5	65.1	15.1
16:00	23.3	24.0	74.0	75.3	.7	19.3	66.7	79.9	16.4
17:00	24.8	24.2	76.6	75.5	-.6	17.1	62.7	64.2	14.3
18:00	26.0	25.2	78.8	77.4	-.8	17.4	63.4	60.7	14.5
19:00	26.4	25.7	79.5	78.3	-.7	18.3	64.9	62.8	15.3
20:00	24.7	24.7	76.5	76.4	.0	21.0	69.9	82.4	18.2
21:00	23.3	23.7	73.9	74.7	.5	22.3	72.2	97.2	19.8
22:00	22.8	23.4	73.0	74.1	.6	21.9	71.5	97.7	19.3
23:00	22.5	22.7	72.6	72.9	.2	21.7	71.1	97.6	19.1
Avg	24.2	23.9	75.5	75.0	-.3	19.8	67.7	81.0	17.0
Max	30.6	29.2	87.2	84.6	.7	22.3	72.2	98.3	19.8
Hr. of Max	14	14	14	14	16	21	21	05	21
Min	21.2	21.4	70.2	70.6	-1.5	17.1	62.7	51.8	14.3
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	0.0171	0.0176	26.4	27.9	2437051.7	15.5	.61	.00	-2.3
01:00	0.0164	0.0167	25.3	26.5	2439026.1	.0	.00	.00	-2.5
02:00	0.0161	0.0164	24.9	26.0	2439757.6	.0	.00	.00	-2.6
03:00	0.0159	0.0162	24.6	25.7	2440297.3	.0	.00	.00	-2.9
04:00	0.0157	0.016	24.3	25.4	2440681.5	.0	.00	.00	-2.5
05:00	0.0157	0.0159	24.2	25.3	2440889.7	.0	.00	.00	-2.6
06:00	0.0157	0.016	24.3	25.3	2440805.3	.0	.00	.00	2.3
07:00	0.0158	0.0163	24.4	25.8	2440068.8	.0	.00	.00	71.3
08:00	0.0154	0.017	23.8	27.1	2438237.5	.0	.00	.00	141.2
09:00	0.0144	0.0183	22.3	29.1	2435380.2	.0	.00	.00	319.2
10:00	0.0131	0.0203	20.4	32.3	2431344.8	.0	.00	.00	627.8
11:00	0.0131	0.0228	20.4	36.3	2426631.4	.0	.00	.00	781.9
12:00	0.0139	0.0248	21.6	39.5	2423173.5	.0	.00	.00	842.2
13:00	0.0145	0.0265	22.5	42.1	2420478.3	.0	.00	.00	625.0
14:00	0.0144	0.0278	22.3	44.2	2418521.0	.0	.00	.00	713.1
15:00	0.0134	0.0209	20.8	33.2	2430424.9	.2	.01	.00	256.9
16:00	0.0145	0.0181	22.4	28.8	2435842.1	.0	.00	.00	118.7
17:00	0.0126	0.0198	19.6	31.4	2432462.6	.0	.00	.00	395.5
18:00	0.0129	0.0213	20.1	33.7	2429507.5	.0	.00	.00	277.8
19:00	0.0136	0.0217	21.2	34.5	2428660.2	.0	.00	.00	177.8
20:00	0.0162	0.0197	25.0	31.3	2432561.0	.0	.00	.00	21.8
21:00	0.0175	0.0181	27.0	28.6	2436043.3	.0	.00	.00	-2.1
22:00	0.0171	0.0175	26.4	27.8	2437233.5	.0	.00	.00	-2.6
23:00	0.0168	0.0173	26.0	27.4	2437748.2	.0	.00	.00	-2.6
Avg	0.0151	0.0193	23.3	30.6	2433867.8	.7	.03	.00	222.9
Max	0.0175	0.0278	27.0	44.2	2440889.7	15.5	.61	.00	842.2
Hr. of Max	21	14	21	14	05	00	00	23	12
Min	0.0126	0.0159	19.6	25.3	2418521.0	.0	.00	.00	-2.9
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	29.11	985.9	109	129	127	151	39	28
01:00	.00	29.11	985.8	41	229	44	182	49	44
02:00	.00	29.12	986.0	70	218	77	214	28	27
03:00	.00	29.12	986.1	208	224	190	224	59	7
04:00	.00	29.12	986.3	131	216	168	214	53	11
05:00	.00	29.13	986.5	97	220	112	220	48	13
06:00	.00	29.15	987.1	171	212	171	211	47	7
07:00	.10	29.16	987.5	215	212	215	211	27	7
08:00	.20	29.17	987.9	225	213	220	212	68	27
09:00	.46	29.19	988.4	193	199	193	198	53	23
10:00	.90	29.19	988.5	227	206	222	205	45	24
11:00	1.12	29.19	988.5	189	183	191	181	50	23
12:00	1.21	29.18	988.3	198	195	196	194	41	23
13:00	.90	29.16	987.7	211	201	210	202	27	19
14:00	1.02	29.14	986.9	217	215	220	216	26	16
15:00	.37	29.17	987.7	9	334	265	317	56	36
16:00	.17	29.14	987.0	51	31	60	32	22	27
17:00	.57	29.14	986.8	46	44	57	45	33	20
18:00	.40	29.13	986.3	69	88	75	90	34	24
19:00	.26	29.12	986.1	65	68	71	69	24	17
20:00	.03	29.12	986.0	52	51	53	55	20	18
21:00	.00	29.11	986.0	38	43	43	44	28	21
22:00	.00	29.13	986.5	40	29	53	29	25	16
23:00	.00	29.16	987.4	17	301	27	303	32	34
Avg	.32	29.14	987.0	112	199	0	0	39	21
Max	1.21	29.19	988.5	227	334	265	317	68	44
Hr. of Max	12	11	11	10	15	15	15	08	01
Min	.00	29.11	985.8	9	29	27	29	20	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	3.8	8.6	5.9	10.5	2.6	4.7	24.7	34.6
01:00	.4	.9	.7	1.2	.3	.6	2.5	4.1
02:00	.6	2.4	.7	2.5	.3	1.1	3.2	6.0
03:00	.9	5.6	1.2	5.6	.5	2.5	3.9	9.6
04:00	.4	4.9	.8	5.0	.4	2.3	3.4	7.8
05:00	.7	2.9	.9	3.0	.4	1.4	3.0	6.6
06:00	1.0	4.1	1.3	4.1	.6	1.9	3.9	7.8
07:00	2.0	6.3	2.2	6.3	1.0	2.8	6.6	9.6
08:00	1.0	3.2	1.4	3.4	.6	1.5	5.0	8.7
09:00	1.9	3.7	2.3	3.9	1.0	1.8	6.2	7.8
10:00	2.0	3.5	2.7	3.9	1.2	1.8	7.6	8.5
11:00	1.9	4.1	2.8	4.4	1.3	2.0	9.2	10.8
12:00	3.1	5.9	3.7	6.3	1.6	2.8	11.7	14.7
13:00	4.4	7.8	5.0	8.2	2.2	3.7	12.8	15.3
14:00	6.0	10.6	6.8	11.0	3.0	4.9	25.2	28.2
15:00	1.2	7.6	3.4	11.3	1.5	5.1	21.5	25.2
16:00	1.8	3.2	2.0	3.6	.9	1.6	6.0	6.6
17:00	1.1	3.7	1.3	4.0	.6	1.8	6.0	7.3
18:00	1.0	2.7	1.2	3.0	.5	1.4	3.7	7.1
19:00	1.7	3.2	1.9	3.5	.9	1.6	5.5	6.4
20:00	1.2	3.1	1.2	3.3	.6	1.5	3.9	5.3
21:00	.8	3.0	1.0	3.4	.4	1.5	3.4	6.2
22:00	.8	4.8	.9	5.0	.4	2.3	3.0	9.4
23:00	.3	.7	.5	1.7	.2	.8	1.8	4.8
Avg	2.8	2.8	2.2	4.9	1.0	2.2	7.7	10.8
Max	6.0	10.6	6.8	11.3	3.0	5.1	25.2	34.6
Hr. of Max	14	14	14	15	14	15	14	00
Min	.3	.7	.5	1.2	.2	.6	1.8	4.1
Count	24	24	24	24	24	24	24	24
Total								