Date Printed: 07/10/2016 08:01

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

Daily Summary Report

Site: Tower "K" (1208)

7/9/2016

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	20.5	20.7	68.8	69.2	.2	19.8	67.6	98.1	17.0
01:00	20.9	21.2	69.6	70.2	.3	20.2	68.4	98.1	17.5
02:00	20.9	21.2	69.6	70.2	.3	20.2	68.3	98.0	17.5
03:00	20.5	20.6	68.9	69.1	.1	19.8	67.6	98.0	17.1
04:00	20.4	20.5	68.6	68.9	.1	19.6	67.4	98.0	16.9
05:00	20.4	20.2	68.7	68.4	-.1	19.7	67.4	98.1	17.0
06:00	20.4	20.2	68.7	68.4	-.1	19.7	67.4	98.1	17.0
07:00	20.6	20.5	69.1	68.9	-.1	19.9	67.8	98.1	17.2
08:00	21.8	21.0	71.3	69.9	-.8	19.1	66.5	86.9	16.3
09:00	23.6	22.5	74.5	72.6	-1.1	18.0	64.4	72.6	15.1
10:00	24.9	24.2	76.8	75.6	-.7	17.9	64.2	66.8	15.0
11:00	25.6	24.9	78.1	76.8	-.7	18.0	64.4	64.7	15.1
12:00	26.7	25.6	80.1	78.1	-1.1	18.0	64.4	60.5	15.0
13:00	28.0	26.8	82.4	80.2	-1.2	18.9	66.1	59.5	15.9
14:00	29.1	27.5	84.3	81.4	-1.6	19.5	67.2	58.1	16.4
15:00	30.1	28.7	86.2	83.6	-1.4	18.8	65.8	52.3	15.7
16:00	30.7	29.7	87.3	85.5	-1.0	17.6	63.7	46.8	14.5
17:00	31.1	30.7	88.0	87.2	-.5	13.6	56.4	35.6	11.3
18:00	30.6	30.4	87.1	86.7	-.3	10.6	51.2	30.0	9.3
19:00	29.7	29.6	85.5	85.3	-.1	12.0	53.5	34.5	10.2
20:00	27.8	28.4	82.0	83.1	.6	17.1	62.8	54.2	14.2
21:00	25.9	27.1	78.7	80.8	1.2	19.0	66.2	67.3	16.0
22:00	24.8	26.4	76.6	79.6	1.6	18.9	66.1	71.8	16.0
23:00	24.1	24.8	75.4	76.7	.7	19.2	66.6	76.0	16.3
Avg	25.0	24.7	76.9	76.5	-.2	18.1	64.6	71.8	15.4
Max	31.1	30.7	88.0	87.2	1.6	20.2	68.4	98.1	17.5
Hr. of Max	17	17	17	17	22	02	01	07	02
Min	20.4	20.2	68.6	68.4	-1.6	10.6	51.2	30.0	9.3
Count	24	24	24	24	24	24	24	24	24
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	0.0149	0.0152	23.1	24.1	2442706.6	2.5	.10	.03	-2.2
01:00	0.0153	0.0157	23.7	24.8	2441620.6	.6	.02	.01	-2.2
02:00	0.0154	0.0157	23.7	24.8	2441615.1	.0	.00	.02	-2.7
03:00	0.015	0.0153	23.1	24.2	2442566.2	.0	.00	.01	-2.9
04:00	0.0149	0.0152	22.9	24.0	2442940.1	.0	.00	.01	-2.5
05:00	0.0149	0.0152	23.0	24.0	2442895.4	.0	.00	.00	-2.5
06:00	0.0148	0.0151	23.0	24.0	2442926.4	.0	.00	.00	2.1
07:00	0.0151	0.0153	23.3	24.3	2442377.5	.0	.00	.00	63.2
08:00	0.0144	0.0165	22.2	26.2	2439483.3	.0	.00	.00	204.3
09:00	0.0134	0.0184	20.7	29.3	2435207.2	.0	.00	.00	439.4
10:00	0.0133	0.0199	20.6	31.5	2432221.1	.0	.00	.00	441.9
11:00	0.0134	0.0208	20.8	32.9	2430514.1	.0	.00	.00	501.0
12:00	0.0134	0.0222	20.8	35.1	2427882.1	.0	.00	.00	713.3
13:00	0.0142	0.0239	22.1	37.9	2424825.4	.0	.00	.00	808.4
14:00	0.0148	0.0255	22.9	40.3	2422268.7	.0	.00	.00	777.3
15:00	0.0142	0.0271	21.9	42.9	2419755.1	.0	.00	.00	798.1
16:00	0.0131	0.0281	20.4	44.4	2418297.6	.0	.00	.00	749.3
17:00	0.0102	0.0287	15.9	45.4	2417348.6	.0	.00	.00	565.6
18:00	0.0084	0.0279	13.1	44.1	2418545.2	.0	.00	.01	387.8
19:00	0.0091	0.0265	14.2	41.9	2420689.2	.0	.00	.00	189.3
20:00	0.0127	0.0237	19.8	37.5	2425326.3	.0	.00	.00	19.7
21:00	0.0143	0.0212	22.1	33.6	2429719.5	.0	.00	.00	-2.3
22:00	0.0142	0.0198	22.0	31.4	2432395.5	.0	.00	.00	-2.6
23:00	0.0145	0.0191	22.4	30.2	2433962.5	.0	.00	.00	-2.5
Avg	0.0137	0.0205	21.2	32.5	2432003.7	.1	.01	.00	276.6
Max	0.0154	0.0287	23.7	45.4	2442940.1	2.5	.10	.03	808.4
Hr. of Max	02	17	02	17	04	00	00	00	13
Min	0.0084	0.0151	13.1	24.0	2417348.6	.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	985.7	279	251	265	256	44	12
01:00	.00	29.10	985.4	232	234	230	233	22	12
02:00	.00	29.06	984.3	60	206	86	162	45	32
03:00	.00	29.03	983.2	51	67	64	71	38	13
04:00	.00	29.04	983.3	172	268	200	218	44	28
05:00	.00	29.08	984.6	267	238	237	233	37	13
06:00	.00	29.09	985.2	224	235	217	233	39	13
07:00	.09	29.09	985.3	183	192	194	195	47	14
08:00	.29	29.12	986.0	208	201	204	200	31	14
09:00	.63	29.12	986.3	209	196	208	195	27	17
10:00	.63	29.12	986.3	254	237	248	238	38	25
11:00	.72	29.13	986.4	260	243	255	243	38	25
12:00	1.02	29.12	986.0	226	216	217	208	40	21
13:00	1.16	29.10	985.6	221	212	216	207	30	22
14:00	1.11	29.09	985.1	205	201	204	201	32	17
15:00	1.14	29.07	984.6	227	216	230	217	37	24
16:00	1.07	29.05	983.9	261	244	257	242	32	18
17:00	.81	29.05	983.6	313	299	285	301	44	18
18:00	.56	29.03	983.2	334	306	324	306	43	13
19:00	.27	29.04	983.4	313	292	305	292	30	10
20:00	.03	29.06	984.2	331	294	319	294	25	6
21:00	.00	29.08	984.6	7	295	345	296	57	8
22:00	.00	29.08	984.9	27	300	72	299	24	12
23:00	.00	29.09	985.1	33	280	155	289	66	18
Avg	.40	29.08	984.8	260	245	0	0	38	17
Max	1.16	29.13	986.4	334	306	345	306	66	32
Hr. of Max	13	11	11	18	18	21	18	23	02
Min	.00	29.03	983.2	7	67	64	71	22	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	1.8	6.2	2.6	6.5	1.1	2.9	8.5	19.2
01:00	4.9	12.3	5.3	12.6	2.4	5.7	13.1	19.7
02:00	1.3	2.2	2.3	5.3	1.0	2.4	8.2	11.4
03:00	2.2	7.8	2.6	8.5	1.2	3.8	9.4	14.0
04:00	.6	.1	1.3	3.6	.6	1.6	4.8	6.0
05:00	1.0	3.8	1.1	3.9	.5	1.8	3.9	7.3
06:00	.9	3.1	1.1	3.2	.5	1.4	3.9	5.7
07:00	1.0	4.9	1.5	5.1	.7	2.3	3.9	7.8
08:00	2.3	4.2	2.5	4.3	1.1	2.0	6.9	8.0
09:00	3.0	4.6	3.3	4.8	1.5	2.2	7.6	9.4
10:00	2.5	3.6	2.9	3.9	1.3	1.8	9.2	9.8
11:00	2.9	4.2	3.4	4.5	1.5	2.0	9.4	9.8
12:00	2.9	5.0	3.8	5.7	1.7	2.6	10.1	11.0
13:00	3.6	5.7	4.4	6.2	2.0	2.8	11.4	13.7
14:00	4.5	7.7	5.2	8.0	2.3	3.6	13.5	14.2
15:00	3.8	5.4	4.5	5.9	2.0	2.7	11.9	12.1
16:00	4.5	6.9	5.3	7.4	2.4	3.3	14.0	14.7
17:00	2.4	9.1	3.0	10.1	1.4	4.5	11.2	17.2
18:00	1.2	10.5	1.5	10.8	.7	4.8	8.0	16.9
19:00	2.4	10.5	2.7	10.6	1.2	4.8	8.9	14.9
20:00	1.6	11.8	1.8	11.9	.8	5.3	8.2	14.4
21:00	.1	7.5	.3	7.5	.1	3.4	2.3	13.1
22:00	.2	7.2	.7	7.3	.3	3.3	2.5	11.0
23:00	.1	2.9	.8	3.3	.4	1.5	4.1	8.9
Avg	3.4	3.4	2.7	6.7	1.2	3.0	8.1	12.1
Max	4.9	12.3	5.3	12.6	2.4	5.7	14.0	19.7
Hr. of Max	01	01	16	01	16	01	16	01
Min	.1	.1	.3	3.2	.1	1.4	2.3	5.7
Count	24	24	24	24	24	24	24	24
Total								