Date Printed: 08/21/2014 10:04

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

Daily Summary Report

Site: Tower "L" (1209)

8/20/2014

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT_Grad	06_Precip_mm	07_Precip_In	08_PrecipSum	09_BarPres_In
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	MM	INCHES	INCHES	INHG
00:00	21.6	21.7	70.8	71.0	.1	.0	.00	.00	29.11
01:00	21.6	21.5	70.8	70.7	-.1	.0	.00	.00	29.13
02:00	21.5	21.3	70.8	70.4	-.2	.0	.00	.00	29.12
03:00	21.2	21.0	70.2	69.9	-.2	.0	.00	.00	29.11
04:00	21.1	20.9	70.0	69.6	-.2	.0	.00	.00	29.12
05:00	21.4	21.0	70.5	69.7	-.4	.0	.00	.00	29.13
06:00	21.9	21.3	71.4	70.4	-.6	.0	.00	.00	29.14
07:00	22.3	21.5	72.1	70.7	-.8	.0	.00	.00	29.16
08:00	22.6	22.1	72.7	71.7	-.5	.0	.00	.00	29.17
09:00	23.9	23.5	75.0	74.2	-.4	.0	.00	.00	29.18
10:00	26.1	25.7	78.9	78.2	-.4	.0	.00	.00	29.19
11:00	27.5	27.1	81.4	80.8	-.3	.0	.00	.00	29.19
12:00	28.8	28.5	83.9	83.3	-.3	.0	.00	.00	29.19
13:00	28.6	29.0	83.5	84.2	.4	2.8	.11	.02	29.19
14:00	24.7	25.2	76.4	77.4	.5	3.6	.14	.04	29.19
15:00	24.1 P	24.5 P	75.3 P	76.1 P	.4 P	.3	.01	<	29.18 P
16:00	23.9	24.1	75.1	75.3	.1	.3	.01	.01	29.18
17:00	23.3	23.4	74.0	74.1	.0	.0	.00	.00	29.19
18:00	22.8	23.0	73.0	73.3	.2	1.0	.04	.01	29.19
19:00	22.5	22.6	72.4	72.7	.2	.0	.00	.00	29.24
20:00	21.9	22.0	71.4	71.7	.2	.5	.02	.00	29.29
21:00	20.8	20.9	69.4	69.6	.1	.3	.01	.01	29.29
22:00	20.6	20.5	69.0	69.0	.0	.0	.00	.00	29.29
23:00	20.5	20.4	68.8	68.7	-.1	.0	.00	.00	29.30
Avg	23.1	23.0	73.6	73.4	-.1	.4	.01	.00	29.19
Max	28.8	29.0	83.9	84.2	.5	3.6	.14	.04	29.30
Hr. of Max	12	13	12	13	14	14	14	14	23
Min	20.5	20.4	68.8	68.7	-.8	.0	.00	.00	29.11
Count	24	24	24	24	24	24	24	23	24
Total									

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	10_BarPres_Mb	11_Solar_Rad_Wm2	12_Solar_Rad_Lang	13_WDir_010m	14_WDir_030m	15_VWDir_010m	16_VWDir_030m	17_Sigma_010m	18_Sigma_030m
Hour	KPa	W/M2	Langleys	DEG	DEG	DEG	DEG	DEG	DEG
00:00	985.9	-2.4	-.003	75	43	58	39	46	32
01:00	986.6	-2.6	-.004	154	183	159	190	27	17
02:00	986.1	-2.5	-.004	254	293	314	301	54	43
03:00	985.8	-2.6	-.004	116	101	109	92	28	18
04:00	986.1	-3.0	-.004	100	337	90	347	37	35
05:00	986.4	-2.9	-.004	121	67	142	85	56	44
06:00	986.8	-2.9	-.004	235	215	236	214	23	16
07:00	987.5	30.6	.044	254	284	295	289	45	31
08:00	987.9	173.3	.248	201	214	205	213	30	49
09:00	988.3	295.8	.424	223	230	227	225	29	28
10:00	988.4	578.4	.829	216	216	215	214	26	20
11:00	988.6	801.0	1.149	236	230	234	230	31	29
12:00	988.6	867.5	1.244	244	239	245	240	31	30
13:00	988.6	257.4	.369	237	234	236	234	33	23
14:00	988.4	78.7	.113	243	251	233	237	58	59
15:00	988.1 P	241.3 P	.346 P	103 P	86 P	86 P	78 P	71 P	62 P
16:00	988.3	226.8	.325	174	171	191	181	61	61
17:00	988.4	152.4	.219	225	212	231	220	53	51
18:00	988.7	35.8	.051	201	215	232	240	59	57
19:00	990.4	21.7	.031	62	50	64	56	35	31
20:00	992.0	-2.7	-.004	80	73	76	72	20	14
21:00	991.9	-3.2	-.005	57	52	55	56	45	29
22:00	992.1	-2.8	-.004	258	258	254	259	48	36
23:00	992.1	-3.0	-.004	330	326	335	328	59	40
Avg	988.4	155.4	.223	196	228	0	0	42	36
Max	992.1	867.5	1.244	330	337	335	347	71	62
Hr. of Max	23	12	12	23	04	23	04	15	15
Min	985.8	-3.2	-.005	57	43	55	39	20	14
Count	24	24	24	24	24	24	24	24	24
Total									

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	19_RWSpd_010m	20_RWSpd_030m	21_WSpd_010m	22_WSpd_030m	23_WSpdms_010m	24_WSpdms_030m	27_PkWsH_010m	28_PkWsH_030m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.2	.3	.4	.9	.2	.4	2.3	3.0
01:00	.5	.7	.6	.9	.3	.4	2.3	2.5
02:00	.4	.8	.7	1.0	.3	.5	2.7	3.0
03:00	.5	.4	.6	.8	.3	.3	2.5	1.8
04:00	.3	.2	.6	.6	.3	.2	1.8	1.8
05:00	.1	.2	.2	.5	.1	.2	2.7	2.5
06:00	1.3	1.4	1.4	1.5	.6	.7	3.9	3.7
07:00	.4	.3	.5	.4	.2	.2	1.8	2.1
08:00	1.4	1.8	1.6	2.0	.7	.9	5.0	6.4
09:00	2.4	3.1	2.6	3.4	1.2	1.5	8.9	8.9
10:00	4.1	5.7	4.7	6.1	2.1	2.7	11.0	10.8
11:00	3.9	4.7	4.4	5.2	2.0	2.3	9.8	10.1
12:00	3.8	4.5	4.3	5.0	1.9	2.2	10.1	9.8
13:00	3.6	5.2	4.3	5.8	1.9	2.6	16.7	19.9
14:00	5.9	8.0	8.6	11.3	3.9	5.0	47.4	61.1
15:00	1.5 P	3.3 P	5.2 P	7.9 P	2.3 P	3.5 P	<	<
16:00	3.1	4.0	6.5	8.6	2.9	3.8	20.6	25.6
17:00	1.9	2.6	2.7	3.6	1.2	1.6	11.7	16.5
18:00	1.4	2.3	2.8	3.6	1.3	1.6	11.9	17.4
19:00	1.9	2.9	2.5	3.8	1.1	1.7	6.9	8.0
20:00	6.6	10.3	7.6	11.3	3.4	5.1	20.4	23.8
21:00	1.9	3.6	2.5	4.2	1.1	1.9	8.7	11.4
22:00	1.0	1.6	1.5	2.1	.7	.9	4.1	4.8
23:00	.5	1.4	1.7	2.5	.8	1.1	5.0	5.3
Avg	1.5	1.5	2.9	3.9	1.3	1.7	9.5	11.3
Max	6.6	10.3	8.6	11.3	3.9	5.1	47.4	61.1
Hr. of Max	20	20	14	20	14	20	14	14
Min	.1	.2	.2	.4	.1	.2	1.8	1.8
Count	24	24	24	24	24	24	23	23
Total								