Date Printed: 07/20/2014 12:18

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

Daily Summary Report

Site: Tower "L" (1209)

7/19/2014

Interval: 001h

	01_TempC_010m	02_TempC_030m	03_TempF_010m	04_TempF_030m	05_VT_Grad	06_Precip_mm	07_Precip_In	09_BarPres_In	10_BarPres_Mb
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	MM	INCHES	INHG	KPa
00:00	17.3	17.2	63.1	62.9	-.1	1.2	.05	29.27	991.4
01:00	17.4	17.3	63.4	63.1	-.1	.5	.02	29.26	990.7
02:00	17.7	17.6	63.8	63.6	-.1	1.3	.05	29.24	990.3
03:00	18.1	18.0	64.6	64.4	-.1	1.5	.06	29.23	990.0
04:00	18.3	18.3	65.0	64.9	-.1	1.2	.05	29.23	989.7
05:00	18.2	18.0	64.8	64.5	-.2	.5	.02	29.22	989.4
06:00	18.4	18.1	65.0	64.7	-.2	1.3	.10	29.22	989.6
07:00	18.6	18.4	65.5	65.0	-.3	8.6	.34	29.24	990.1
08:00	18.9	18.5	66.0	65.3	-.4	13.7	.54	29.24	990.3
09:00	19.4	19.0	67.0	66.3	-.4	7.6	.30	29.24	990.2
10:00	20.1	19.8	68.2	67.6	-.3	.0	.00	29.23	990.0
11:00	20.3	20.1	68.5	68.2	-.2	.0	.00	29.23	989.8
12:00	20.7	20.4	69.2	68.8	-.2	.3	.01	29.23	989.8
13:00	21.2	21.2	70.2	70.2	.0	.0	.00	29.22	989.5
14:00	21.6	21.6	71.0	71.0	.0	.0	.00	29.21	989.1
15:00	21.9	22.0	71.5	71.5	.0	.0	.00	29.20	988.9
16:00	21.7	21.7	71.0	71.0	.0	.0	.00	29.20	988.9
17:00	21.8	21.7	71.2	71.1	.0	.0	.00	29.19	988.7
18:00	22.2	22.2	72.0	72.0	.0	.0	.00	29.19	988.5
19:00	22.2	22.3	72.0	72.1	.0	.0	.00	29.19	988.5
20:00	22.0	22.0	71.6	71.7	.1	.0	.00	29.19	988.6
21:00	21.7	21.8	71.0	71.2	.1	.0	.00	29.20	988.8
22:00	21.5	21.6	70.7	70.9	.1	.0	.00	29.20	989.0
23:00	21.4	21.5	70.5	70.7	.1	.0	.00	29.20	988.8
Avg	20.1	20.0	68.2	68.0	-.1	1.6	.06	29.22	989.5
Max	22.2	22.3	72.0	72.1	.1	13.7	.54	29.27	991.4
Hr. of Max	18	19	19	19	23	08	08	00	00
Min	17.3	17.2	63.1	62.9	-.4	.0	.00	29.19	988.5
Count	24	24	24	24	24	24	24	24	24
Total									

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	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	19_RWSpd_010m
Hour	W/M2	Langleys	DEG	DEG	DEG	DEG	DEG	DEG	MPH
00:00	-2.7	-.004	73	45	59	44	16	22	2.2
01:00	-2.7	-.004	83	65	81	64	15	13	2.3
02:00	-3.0	-.004	91	76	90	75	38	32	1.6
03:00	-2.9	-.004	170	81	202	42	83	78	.3
04:00	-2.6	-.004	100	73	95	69	33	32	1.8
05:00	-2.6	-.004	76	56	72	55	16	14	2.3
06:00	-2.0	-.003	30	36	20	27	27	25	1.5
07:00	2.1	.003	45	31	35	23	41	48	1.4
08:00	22.1	.032	76	53	76	56	28	16	2.3
09:00	54.9	.079	120	97	118	99	25	27	1.7
10:00	44.0	.063	95	73	94	76	22	21	1.5
11:00	68.8	.099	64	50	66	56	20	19	2.2
12:00	213.2	.306	74	57	69	55	23	19	2.2
13:00	220.6	.316	91	72	91	73	19	16	2.3
14:00	175.2	.251	91	77	91	76	20	16	3.0
15:00	143.1	.205	94	83	82	69	29	29	1.2
16:00	110.3	.158	26	13	22	5	53	43	1.7
17:00	135.3	.194	29	12	30	12	14	11	3.2
18:00	145.0	.208	38	23	37	23	22	19	3.0
19:00	58.2	.083	58	40	57	41	15	17	2.4
20:00	9.3	.013	64	48	65	50	20	18	2.0
21:00	-2.8	-.004	68	51	68	54	17	16	1.9
22:00	-3.1	-.004	53	35	57	40	19	23	1.0
23:00	-2.7	-.004	57	41	80	52	24	17	.6
Avg	57.3	.082	72	54	67	67	27	25	1.6
Max	220.6	.316	170	97	202	99	83	78	3.2
Hr. of Max	13	13	03	09	03	09	03	03	17
Min	-3.1	-.004	26	12	20	5	14	11	.3
Count	24	24	24	24	24	24	24	24	24
Total									

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	20_RWSpd_030m	21_WSpd_010m	22_WSpd_030m	23_WSpdms_010m	24_WSpdms_030m	27_PkWsH_010m	28_PkWsH_030m	29_24HR_PR
Hour	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH	INCHES
00:00	3.3	2.3	3.4	1.0	1.5	8.2	8.7	.00
01:00	4.6	2.4	4.7	1.1	2.1	6.2	8.7	.00
02:00	3.5	2.5	4.3	1.1	1.9	9.6	12.4	.00
03:00	.6	4.2	5.7	1.9	2.5	11.9	14.0	.00
04:00	3.7	2.3	4.2	1.0	1.9	6.9	8.7	.00
05:00	4.0	2.4	4.1	1.1	1.8	7.8	8.9	.00
06:00	2.2	1.9	2.8	.8	1.2	5.7	6.4	.00
07:00	2.2	2.0	2.8	.9	1.3	4.6	5.7	.00
08:00	4.1	2.5	4.3	1.1	1.9	6.2	9.6	.00
09:00	3.0	2.1	3.6	1.0	1.6	7.6	11.4	.00
10:00	3.3	1.7	3.5	.7	1.5	5.5	8.0	.00
11:00	3.2	2.7	3.9	1.2	1.7	9.2	14.7	.00
12:00	3.1	2.4	3.4	1.1	1.5	6.2	7.3	.00
13:00	3.6	2.5	3.8	1.1	1.7	6.4	8.5	.00
14:00	4.8	3.2	5.0	1.4	2.2	7.3	9.8	.00
15:00	1.8	1.5	2.2	.7	1.0	4.8	5.7	.00
16:00	2.0	1.9	2.2	.9	1.0	6.2	5.5	.00
17:00	3.8	3.3	3.9	1.5	1.7	6.0	6.2	.00
18:00	3.6	3.3	4.0	1.5	1.8	6.9	7.6	.00
19:00	3.0	2.5	3.2	1.1	1.4	5.0	5.0	.00
20:00	3.0	2.1	3.2	.9	1.4	6.2	6.9	.00
21:00	3.3	2.0	3.4	.9	1.5	5.5	6.9	.00
22:00	2.2	1.1	2.5	.5	1.1	4.6	5.5	.00
23:00	1.6	.7	2.0	.3	.9	3.0	6.2	.00
Avg	3.1	2.3	3.6	1.0	1.6	6.6	8.3	.00
Max	4.8	4.2	5.7	1.9	2.5	11.9	14.7	.00
Hr. of Max	14	03	03	03	03	03	11	23
Min	.6	.7	2.0	.3	.9	3.0	5.0	.00
Count	24	24	24	24	24	24	24	24
Total								