Date Printed: 05/29/2016 01:20

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

Daily Summary Report

Site: Tower "L" (1209)

5/28/2016

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	20.4	20.4	68.7	68.8	.1	.0	.00	29.24	990.2
01:00	20.0	19.9	68.0	67.9	-.1	.0	.00	29.24	990.1
02:00	19.5	19.4	67.1	66.9	-.1	.0	.00	29.23	989.9
03:00	19.1	19.0	66.3	66.1	-.1	.0	.00	29.23	989.9
04:00	18.7	18.7	65.7	65.7	.0	.0	.00	29.23	990.0
05:00	18.6	18.4	65.5	65.2	-.2	.0	.00	29.24	990.3
06:00	18.5	18.3	65.3	64.9	-.2	.0	.00	29.26	990.8
07:00	19.2	18.9	66.6	65.9	-.4	.0	.00	29.27	991.2
08:00	19.8	19.5	67.6	67.1	-.3	.0	.00	29.28	991.7
09:00	20.8	20.8	69.4	69.4	.0	.0	.00	29.31	992.6
10:00	22.7	22.7	72.8	72.8	.0	.0	.00	29.32	992.8
11:00	24.2	24.2	75.6	75.5	-.1	.0	.00	29.32	992.9
12:00	25.3	25.2	77.6	77.4	-.1	.0	.00	29.31	992.6
13:00	26.5	26.3	79.7	79.4	-.2	.0	.00	29.29	992.0
14:00	26.9	26.9	80.5	80.4	-.1	.0	.00	29.27	991.4
15:00	27.5	27.3	81.5	81.2	-.2	.0	.00	29.26	990.9
16:00	28.2	28.0	82.8	82.5	-.2	.0	.00	29.25	990.5
17:00	28.5	28.4	83.2	83.1	.0	.0	.00	29.24	990.4
18:00	28.2	28.3	82.8	83.0	.1	.0	.00	29.24	990.1
19:00	26.4	27.2	79.6	81.0	.8	.0	.00	29.24	990.1
20:00	25.0	25.5	76.9	78.0	.6	.0	.00	29.24	990.3
21:00	22.9	23.4	73.2	74.1	.5	.0	.00	29.25	990.4
22:00	21.6	22.2	70.9	72.0	.6	.0	.00	29.26	990.8
23:00	20.8	21.2	69.4	70.1	.4	.0	.00	29.26	990.9
Avg	22.9	22.9	73.2	73.3	.0	.0	.00	29.26	991.0
Max	28.5	28.4	83.2	83.1	.8	.0	.00	29.32	992.9
Hr. of Max	17	17	17	17	19	23	23	11	11
Min	18.5	18.3	65.3	64.9	-.4	.0	.00	29.23	989.9
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	71	43	71	48	16	20	1.1
01:00	-2.7	-.004	74	47	72	54	12	22	1.0
02:00	-2.7	-.004	18	10	6	15	35	31	.6
03:00	-2.8	-.004	61	47	63	55	19	27	.8
04:00	-2.6	-.004	80	56	82	74	27	50	1.5
05:00	-2.9	-.004	295	325	303	344	43	57	.5
06:00	6.6	.009	33	45	23	45	24	21	1.4
07:00	38.1	.055	21	21	17	22	26	23	1.6
08:00	160.4	.230	68	55	66	57	29	21	1.7
09:00	459.3	.659	125	109	122	102	41	35	.8
10:00	487.8	.700	109	61	130	143	65	62	.3
11:00	651.0	.934	1	289	273	257	63	54	.3
12:00	928.9	1.332	138	144	141	151	42	41	1.4
13:00	1029.1	1.476	117	124	117	122	55	55	1.3
14:00	703.8	1.009	193	187	224	230	58	48	1.1
15:00	858.7	1.231	213	218	211	214	44	46	1.7
16:00	765.2	1.097	239	228	221	213	49	42	1.2
17:00	578.9	.830	173	157	181	162	46	42	1.2
18:00	345.1	.495	141	135	142	133	31	26	1.8
19:00	107.7	.155	104	94	104	92	11	7	1.9
20:00	35.6	.051	109	91	104	93	54	42	1.0
21:00	-2.1	-.003	127	155	122	143	39	42	.5
22:00	-2.4	-.003	103	185	101	198	50	35	.5
23:00	-2.2	-.003	49	187	12	294	54	43	.1
Avg	297.2	.426	96	98	59	59	39	37	.8
Max	1029.1	1.476	295	325	303	344	65	62	1.9
Hr. of Max	13	13	05	05	05	05	10	10	19
Min	-2.9	-.004	1	10	6	15	11	7	.1
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
Hour	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	1.9	1.1	2.1	.5	.9	3.2	5.0
01:00	1.4	1.0	1.5	.5	.7	2.5	2.9
02:00	1.5	.9	1.9	.4	.8	3.2	3.9
03:00	1.2	.8	1.4	.4	.6	2.7	3.6
04:00	2.3	1.8	2.7	.8	1.2	5.0	8.2
05:00	.8	.7	1.1	.3	.5	3.0	4.3
06:00	2.3	1.8	2.7	.8	1.2	5.7	6.6
07:00	2.3	1.8	2.5	.8	1.1	4.1	5.0
08:00	2.7	2.0	2.9	.9	1.3	4.6	5.9
09:00	1.4	1.4	1.8	.6	.8	4.8	4.5
10:00	.1	1.6	1.9	.7	.8	4.6	4.5
11:00	.5	2.3	2.7	1.0	1.2	8.5	8.7
12:00	1.6	2.5	2.8	1.1	1.2	7.3	8.2
13:00	1.7	3.1	3.5	1.4	1.6	8.0	8.4
14:00	.9	2.7	2.8	1.2	1.2	8.0	9.3
15:00	1.9	2.6	2.7	1.1	1.2	6.0	6.8
16:00	1.9	2.4	2.7	1.1	1.2	6.9	7.1
17:00	1.8	2.7	3.1	1.2	1.4	7.1	7.5
18:00	2.5	2.2	2.9	1.0	1.3	5.3	5.7
19:00	3.7	1.9	3.8	.9	1.7	4.4	6.6
20:00	1.2	1.3	1.4	.6	.6	4.6	5.2
21:00	.7	.8	1.0	.4	.5	2.3	3.2
22:00	.1	.8	.8	.3	.4	2.3	2.5
23:00	.6	.8	1.3	.4	.6	6.2	8.9
Avg	1.5	1.7	2.3	.8	1.0	5.0	5.9
Max	3.7	3.1	3.8	1.4	1.7	8.5	9.3
Hr. of Max	19	13	19	13	19	11	14
Min	.1	.7	.8	.3	.4	2.3	2.5
Count	24	24	24	24	24	24	24
Total							