Date Printed: 01/14/2017 04:32

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

Daily Summary Report

Site: Tower "L" (1209)

1/13/2017

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	8.7	11.9	47.7	53.5	3.2	.0	.00	.00	29.46
01:00	9.4	11.7	49.0	53.0	2.2	.0	.00	.00	29.46
02:00	9.7	12.1	49.4	53.8	2.4	.0	.00	.00	29.47
03:00	10.0	11.8	50.1	53.2	1.7	.0	.00	.00	29.49
04:00	9.7	12.0	49.5	53.7	2.3	.0	.00	.00	29.50
05:00	9.7	11.6	49.5	52.9	1.9	.0	.00	.00	29.51
06:00	11.3	12.0	52.4	53.7	.7	.0	.00	.00	29.53
07:00	11.3	12.0	52.3	53.7	.7	.0	.00	.00	29.54
08:00	12.0	12.2	53.5	53.9	.2	.0	.00	.00	29.56
09:00	13.0	13.0	55.4	55.4	.0	.0	.00	.00	29.58
10:00	13.8	13.8	56.8	56.8	.0	.0	.00	.00	29.60
11:00	14.8	14.7	58.6	58.4	-.1	.0	.00	.00	29.59
12:00	15.4	15.4	59.8	59.7	.0	.0	.00	.00	29.58
13:00	15.7	15.7	60.2	60.2	.0	.0	.00	.00	29.56
14:00	16.1	15.9	61.0	60.6	-.2	.0	.00	.00	29.56
15:00	16.4	16.2	61.6	61.1	-.2	.0	.00	.00	29.56
16:00	16.2	16.2	61.2	61.1	.0	.0	.00	.00	29.56
17:00	15.9	15.8	60.6	60.5	-.1	.0	.00	.00	29.57
18:00	14.9	15.1	58.8	59.1	.2	.3	.01	.01	29.57
19:00	14.7	14.9	58.4	58.7	.2	.0	.00	.00	29.58
20:00	14.4	14.6	57.9	58.2	.2	.0	.00	.00	29.59
21:00	14.2	14.4	57.5	57.9	.2	.0	.00	.00	29.59
22:00	13.8	13.9	56.8	57.1	.1	.0	.00	.00	29.59
23:00	13.4	13.8	56.2	56.8	.4	.0	.00	.00	29.58
Avg	13.1	13.8	55.6	56.8	.7	.0	.00	.00	29.55
Max	16.4	16.2	61.6	61.1	3.2	.3	.01	.01	29.60
Hr. of Max	15	16	15	16	00	18	18	18	10
Min	8.7	11.6	47.7	52.9	-.2	.0	.00	.00	29.46
Count	24	24	24	24	24	24	24	24	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	997.7	-2.6	-.004	209	107	196	38	55	24
01:00	997.6	-3.4	-.005	283	118	258	128	62	33
02:00	998.1	-3.7	-.005	172	34	184	171	38	31
03:00	998.6	-3.3	-.005	347	325	3	318	60	27
04:00	998.9	-3.5	-.005	237	242	242	241	42	28
05:00	999.3	-3.4	-.005	149	344	144	339	67	31
06:00	999.9	-4.4	-.006	221	43	234	56	36	40
07:00	1000.5	-3.5	-.005	277	234	286	200	65	49
08:00	1001.1	17.4	.025	185	221	205	227	55	34
09:00	1001.8	29.9	.043	89	57	338	56	38	52
10:00	1002.3	60.3	.086	246	55	233	299	44	47
11:00	1002.2	90.2	.129	339	345	347	351	21	16
12:00	1001.7	92.6	.133	14	19	14	17	25	17
13:00	1001.2	88.0	.126	352	354	351	353	18	14
14:00	1001.0	89.3	.128	14	7	15	7	15	11
15:00	1001.0	81.8	.117	9	8	7	7	18	13
16:00	1001.1	42.3	.061	27	27	27	26	16	14
17:00	1001.3	3.6	.005	1	9	358	3	14	12
18:00	1001.5	-3.3	-.005	357	20	11	13	43	38
19:00	1001.7	-3.5	-.005	271	232	290	289	57	46
20:00	1002.0	-3.4	-.005	95	64	134	48	53	20
21:00	1002.1	-3.2	-.005	179	261	208	219	54	40
22:00	1002.2	-3.4	-.005	95	16	26	357	26	22
23:00	1001.9	-3.2	-.005	38	69	58	67	28	16
Avg	1000.7	22.8	.033	338	16	0	0	40	28
Max	1002.3	92.6	.133	357	354	358	357	67	52
Hr. of Max	10	12	12	18	13	17	22	05	09
Min	997.6	-4.4	-.006	1	7	3	3	14	11
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	.4	.6	1.0	.3	.5	2.3	3.9
01:00	.2	.1	.7	.7	.3	.3	2.5	2.3
02:00	.5	.3	.8	1.1	.4	.5	3.7	3.6
03:00	.4	.8	.9	1.6	.4	.7	2.7	3.9
04:00	.3	.5	.8	1.6	.3	.7	2.7	3.6
05:00	.4	.6	.8	.7	.3	.3	2.1	2.5
06:00	.3	.1	.7	.8	.3	.4	3.0	2.7
07:00	.2	.4	.3	.6	.2	.3	2.1	2.3
08:00	.3	.9	.5	1.0	.2	.5	1.8	2.9
09:00	.2	1.0	.6	1.2	.3	.5	2.1	2.9
10:00	.7	.1	.9	.7	.4	.3	2.7	2.5
11:00	1.6	2.0	1.8	2.2	.8	1.0	4.8	5.5
12:00	2.0	2.6	2.3	2.7	1.0	1.2	5.3	5.7
13:00	2.3	2.7	2.4	2.8	1.1	1.2	4.4	5.2
14:00	2.9	3.3	3.0	3.5	1.4	1.5	4.4	5.0
15:00	2.9	3.4	3.1	3.5	1.4	1.6	5.3	5.7
16:00	2.8	3.6	2.9	3.7	1.3	1.6	5.7	6.1
17:00	2.2	3.0	2.5	3.4	1.1	1.5	5.7	7.3
18:00	1.1	2.3	1.6	2.6	.7	1.2	4.8	6.1
19:00	.5	.5	1.9	2.4	.8	1.1	4.4	5.9
20:00	.2	1.3	.7	1.5	.3	.7	3.2	5.2
21:00	.2	.5	.8	.9	.4	.4	2.1	2.9
22:00	.4	1.3	1.1	1.9	.5	.9	2.7	4.3
23:00	.1	1.0	.1	1.1	.1	.5	1.4	2.0
Avg	.5	.5	1.3	1.8	.6	.8	3.4	4.2
Max	2.9	3.6	3.1	3.7	1.4	1.6	5.7	7.3
Hr. of Max	15	16	15	16	15	16	17	17
Min	.1	.1	.1	.6	.1	.3	1.4	2.0
Count	24	24	24	24	24	24	24	24
Total								