Date Printed: 07/24/2016 07:22

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

Daily Summary Report

Site: Tower "K" (1208)

7/23/2016

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	26.0	26.7	78.8	80.1	.7	23.0	73.5	86.5	20.5
01:00	24.3	25.5	75.7	77.8	1.2	23.4	74.2	97.9	21.1
02:00	24.0	25.7	75.1	78.3	1.8	23.2	73.7	98.1	20.7
03:00	23.9	24.6	75.1	76.4	.7	23.1	73.6	98.0	20.7
04:00	23.8	24.8	74.8	76.6	1.0	23.0	73.3	98.0	20.5
05:00	23.8	24.4	74.8	76.0	.7	22.9	73.3	97.9	20.5
06:00	23.6	24.4	74.4	75.9	.8	22.8	73.0	98.0	20.3
07:00	24.2	24.4	75.5	75.9	.2	22.2	72.0	91.9	19.6
08:00	26.0	25.4	78.9	77.7	-.7	19.0	66.2	67.1	16.0
09:00	27.7	27.0	81.9	80.6	-.7	17.8	64.0	56.2	14.8
10:00	28.9	28.0	84.0	82.4	-.9	19.4	66.9	58.3	16.3
11:00	30.5	29.2	86.8	84.6	-1.2	19.0	66.3	52.1	15.9
12:00	32.0	30.9	89.5	87.6	-1.1	18.3	64.9	45.6	15.1
13:00	33.3	32.1	91.9	89.8	-1.2	19.3	66.7	45.2	16.0
14:00	34.4	33.0	93.8	91.4	-1.3	17.5	63.6	38.3	14.4
15:00	34.1	33.0	93.5	91.4	-1.1	17.3	63.1	38.3	14.2
16:00	32.3	31.8	90.2	89.2	-.6	20.3	68.6	51.1	17.2
17:00	29.8	29.6	85.6	85.2	-.2	22.3	72.1	66.8	19.4
18:00	23.1	22.9	73.6	73.2	-.3	22.3	72.1	97.8	19.8
19:00	23.2	23.0	73.7	73.4	-.1	22.4	72.3	98.1	19.8
20:00	23.3	23.1	74.0	73.6	-.2	22.6	72.6	98.2	20.1
21:00	23.1	23.1	73.5	73.6	.1	22.3	72.1	98.2	19.8
22:00	23.0	22.9	73.3	73.3	.0	22.2	72.0	98.2	19.7
23:00	22.9	22.9	73.2	73.2	.0	22.1	71.9	98.3	19.6
Avg	26.7	26.6	80.1	79.9	-.1	21.2	70.1	78.1	18.4
Max	34.4	33.0	93.8	91.4	1.8	23.4	74.2	98.3	21.1
Hr. of Max	14	15	14	15	02	01	01	23	01
Min	22.9	22.9	73.2	73.2	-1.3	17.3	63.1	38.3	14.2
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	0.0184	0.0213	28.3	33.8	2429483.0	2.5	.10	.00	-2.8
01:00	0.0188	0.0192	28.9	30.4	2433658.2	.1	.00	.00	-2.2
02:00	0.0185	0.0189	28.4	29.9	2434367.9	.0	.00	.00	-2.4
03:00	0.0185	0.0188	28.4	29.8	2434416.4	.0	.00	.00	-2.4
04:00	0.0183	0.0187	28.1	29.5	2434787.7	.0	.00	.00	-2.3
05:00	0.0182	0.0186	28.1	29.5	2434845.4	.0	.00	.00	-2.2
06:00	0.0181	0.0184	27.8	29.2	2435280.9	.0	.00	.00	3.1
07:00	0.0175	0.0191	27.0	30.2	2433914.1	.0	.00	.00	93.0
08:00	0.0143	0.0214	22.1	33.8	2429431.8	.0	.00	.00	276.1
09:00	0.0132	0.0236	20.5	37.3	2425478.2	.0	.00	.00	498.4
10:00	0.0147	0.0252	22.7	39.9	2422679.0	.0	.00	.00	512.1
11:00	0.0144	0.0276	22.3	43.7	2418948.0	.0	.00	.00	770.0
12:00	0.0137	0.0301	21.2	47.6	2415387.7	.0	.00	.00	880.7
13:00	0.0147	0.0325	22.7	51.4	2412201.2	.0	.00	.00	843.4
14:00	0.0132	0.0345	20.4	54.5	2409699.8	.0	.00	.00	826.3
15:00	0.013	0.0341	20.1	53.9	2410192.3	.0	.00	.00	552.7
16:00	0.0157	0.0308	24.2	48.6	2414502.4	.0	.00	.00	282.9
17:00	0.0176	0.0267	27.1	42.2	2420618.3	3.0	.12	.00	47.8
18:00	0.0175	0.0179	27.0	28.4	2436361.3	49.9	1.96	.00	6.0
19:00	0.0176	0.018	27.1	28.4	2436288.4	7.5	.30	.00	20.4
20:00	0.0179	0.0182	27.5	28.8	2435835.5	.0	.00	.00	12.7
21:00	0.0175	0.0179	27.0	28.3	2436509.4	.0	.00	.00	-2.4
22:00	0.0174	0.0178	26.9	28.1	2436735.2	.0	.00	.00	-2.6
23:00	0.0173	0.0177	26.7	28.0	2436932.6	.0	.00	.00	-2.5
Avg	0.0165	0.0228	25.4	36.1	2427856.4	2.6	.10	.00	233.5
Max	0.0188	0.0345	28.9	54.5	2436932.6	49.9	1.96	.00	880.7
Hr. of Max	01	14	01	14	23	18	18	23	12
Min	0.013	0.0177	20.1	28.0	2409699.8	.0	.00	.00	-2.8
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	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	29.10	985.3	46	170	90	159	48	45
01:00	.00	29.08	984.7	47	322	59	332	26	18
02:00	.00	29.07	984.5	49	62	56	63	25	14
03:00	.00	29.07	984.5	40	16	43	7	27	26
04:00	.00	29.07	984.4	37	53	66	56	32	15
05:00	.00	29.07	984.6	30	65	28	69	10	23
06:00	.00	29.08	984.7	41	10	56	27	30	49
07:00	.13	29.08	984.9	83	116	121	118	51	32
08:00	.40	29.09	985.2	39	169	120	159	43	34
09:00	.71	29.10	985.3	348	229	296	143	43	49
10:00	.73	29.09	985.3	78	80	94	93	46	36
11:00	1.10	29.09	985.1	101	131	112	120	67	42
12:00	1.26	29.07	984.5	101	113	102	105	75	50
13:00	1.21	29.05	983.8	233	224	219	215	50	41
14:00	1.18	29.03	983.2	227	222	239	216	63	53
15:00	.79	29.02	982.7	283	273	251	322	47	36
16:00	.41	29.01	982.6	45	34	49	34	42	16
17:00	.07	29.03	983.2	112	130	161	158	27	17
18:00	.01	29.09	985.2	215	215	206	206	29	14
19:00	.03	29.08	984.7	266	255	248	249	33	16
20:00	.02	29.06	984.1	262	259	251	261	56	17
21:00	.00	29.07	984.3	132	175	143	166	34	24
22:00	.00	29.09	985.0	158	189	168	185	50	31
23:00	.00	29.10	985.6	34	192	48	178	32	23
Avg	.34	29.07	984.5	59	161	0	0	41	30
Max	1.26	29.10	985.6	348	322	296	332	75	53
Hr. of Max	12	23	23	09	01	09	01	12	14
Min	.00	29.01	982.6	30	10	28	7	10	14
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	.5	3.1	1.2	4.0	.5	1.8	4.6	9.8
01:00	1.0	3.3	1.2	3.6	.5	1.6	3.2	7.6
02:00	1.1	4.1	1.3	4.3	.6	2.0	4.8	7.1
03:00	.4	1.5	.5	2.0	.2	.9	2.3	4.4
04:00	.5	2.6	.6	2.7	.3	1.2	2.7	5.0
05:00	.4	1.4	.4	1.4	.2	.7	1.8	3.0
06:00	.3	1.2	.4	1.5	.2	.7	2.1	3.7
07:00	.3	1.8	.5	2.2	.2	1.0	3.2	4.8
08:00	.1	.6	.6	1.1	.3	.5	3.0	3.9
09:00	.3	.3	1.2	1.1	.5	.5	4.4	4.1
10:00	1.0	1.5	1.3	1.8	.6	.8	4.8	5.5
11:00	1.1	1.6	2.0	2.3	.9	1.0	6.4	6.4
12:00	1.3	1.9	2.4	2.8	1.1	1.3	8.9	8.9
13:00	1.5	1.4	2.9	4.1	1.3	1.9	11.0	11.2
14:00	1.7	2.1	3.1	3.9	1.4	1.8	9.4	10.8
15:00	2.0	1.6	3.4	6.8	1.5	3.1	11.9	14.9
16:00	1.4	7.7	1.8	8.0	.8	3.6	7.3	15.6
17:00	2.6	5.9	4.4	10.7	2.0	4.8	21.8	32.5
18:00	8.1	17.5	9.2	18.3	4.1	8.2	23.4	33.9
19:00	2.5	7.6	3.2	8.6	1.4	3.9	9.8	16.7
20:00	1.6	4.1	2.0	4.5	.9	2.0	7.3	9.6
21:00	1.0	2.9	1.8	4.3	.8	2.0	5.5	8.7
22:00	.5	3.0	.9	3.1	.4	1.4	3.9	7.6
23:00	.4	1.3	.6	1.4	.3	.6	3.0	3.9
Avg	1.3	1.3	2.0	4.3	.9	2.0	6.9	10.0
Max	8.1	17.5	9.2	18.3	4.1	8.2	23.4	33.9
Hr. of Max	18	18	18	18	18	18	18	18
Min	.1	.3	.4	1.1	.2	.5	1.8	3.0
Count	24	24	24	24	24	24	24	24
Total								