Date Printed: 03/20/2017 03:45

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

Daily Summary Report

Site: Tower "A" (7900 Area)

3/20/2017

Interval: 015m

	01_TempC_015m	02_TempC_030m	03_TempF_015m	04_TempF_030m	05_VT Grad	06_DewPtC_015m	07_DewPtF_015m	08_RH_015m	09_AbsHum_015m
Hour	DEGC	DEGC	DEGC	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:45	4.3	5.6	39.7	42.0	1.3	-.2	31.7	73.4	4.7
01:00	3.8	5.0	38.9	41.1	1.2	-.3	31.4	74.9	4.7
01:15	3.7	4.9	38.7	40.8	1.1	.1	32.2	77.6	4.8
01:30	3.3	4.6	37.9	40.3	1.3	-.2	31.7	78.6	4.7
01:45	3.1	4.2	37.5	39.6	1.2	.0	32.0	80.8	4.8
02:00	2.8	4.1	37.0	39.4	1.3	-.1	31.9	82.1	4.8
02:15	2.7	3.8	36.8	38.8	1.1	-.1	31.9	82.8	4.8
02:30	2.4	3.9	36.4	39.1	1.5	.0	31.9	84.2	4.8
02:45	2.4	4.0	36.4	39.2	1.6	.1	32.2	85.1	4.8
03:00	2.4	3.8	36.2	38.9	1.5	.1	32.2	85.7	4.9
03:15	2.2	3.8	36.0	38.8	1.5	.1	32.2	86.3	4.9
03:30	2.0	3.7	35.5	38.6	1.7	.1	32.1	87.9	4.9
Avg	2.9	4.3	37.3	39.7	1.4	.0	32.0	81.6	4.8
Max	4.3	5.6	39.7	42.0	1.7	.1	32.2	87.9	4.9
Hr. of Max	00	00	00	00	11	11	10	11	11
Min	2.0	3.7	35.5	38.6	1.1	-.3	31.4	73.4	4.7
Count	12	12	12	12	12	12	12	12	12
Total									

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	10_MixRatio_015m	1_Sat Mix Ratio_015	12_VaporPr_015m	3_Sat Vapor_Pr_015	14_LHV_015m	14a_WetBulbC	15_Precip_mm	17_BarPres_In	18_BarPres_Mb
Hour	COUNT	COUNT	KPa	KPa	None	DEGC	MM	INHG	KPa
00:45	0.003819	0.005203	6.1	8.29	2481132.6	1.3	.0	29.30	992.2
01:00	0.003772	0.005035	6.0	8.03	2482216.0	1.1	.0	29.30	992.2
01:15	0.00389	0.005014	6.2	7.99	2482385.9	1.3	.0	29.30	992.2
01:30	0.003806	0.004842	6.0	7.73	2483503.2	1.0	.0	29.30	992.1
01:45	0.003863	0.004779	6.1	7.62	2483968.0	1.0	.0	29.30	992.0
02:00	0.003835	0.00467	6.1	7.45	2484716.4	.9	.0	29.30	992.0
02:15	0.003843	0.004643	6.1	7.40	2484953.0	.8	.0	29.30	992.1
02:30	0.003854	0.004579	6.1	7.29	2485466.8	.8	.0	29.30	992.0
02:45	0.003889	0.004568	6.2	7.28	2485510.4	.9	.0	29.30	992.0
03:00	0.003899	0.004547	6.2	7.24	2485670.7	.9	.0	29.29	991.9
03:15	0.00389	0.004507	6.2	7.18	2485953.2	.8	.0	29.29	991.9
03:30	0.00389	0.004422	6.2	7.04	2486612.7	.7	.0	29.29	991.9
Avg	0.003854	0.004734	6.1	7.55	2484340.7	1.0	.0	29.30	992.0
Max	0.003899	0.005203	6.2	8.29	2486612.7	1.3	.0	29.30	992.2
Hr. of Max	09	00	11	00	11	02	11	08	02
Min	0.003772	0.004422	6.0	7.04	2481132.6	.7	.0	29.29	991.9
Count	12	12	12	12	12	12	12	12	12
Total									

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Interval: 015m

	21_WDir_015m	22_WDir_030m	23_VWDir_015m	24_VWDir_030m	25_Sigma_015m	26_Sigma_030m	29_WSpd_015m	30_WSpd_030m	33_WElev_015m
Hour	DEG	DEG	DEG	DEG	DEG	DEG	MPH	MPH	DEG
00:45	100	68	100	58	57.5	74.0	.4	.8	-.8
01:00	153	252	319	263	92.2	64.9	.2	.4	.1
01:15	245	340	244	290	54.7	68.9	.5	.5	-1.4
01:30	267	249	236	251	34.2	13.4	.2	.8	-1.4
01:45	264	256	252	256	26.8	4.8	.2	1.7	-.3
02:00	196	279	173	277	36.0	11.4	.2	1.3	.0
02:15	224	266	232	266	30.0	3.3	.5	1.8	-1.9
02:30	91	267	67	264	58.0	11.9	.5	1.4	-1.2
02:45	80	271	90	283	40.7	12.6	.3	.4	.9
03:00	46	59	44	60	17.5	45.5	1.0	.8	.7
03:15	62	54	69	55	42.5	5.6	.7	2.8	.5
03:30	61	65	60	65	33.1	2.7	1.2	3.1	-1.9
Avg	127	298	0	0	43.6	26.6	.5	1.3	-.6
Max	267	340	319	290	92.2	74.0	1.2	3.1	.9
Hr. of Max	03	02	01	02	01	00	11	11	08
Min	46	54	44	55	17.5	2.7	.2	.4	-1.9
Count	12	12	12	12	12	12	12	12	12
Total									

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Interval: 015m

	34_WElev_030m	35_VSSpd_015m	36_VSSpd_030m	40_PkWsQ_015m	41_PkWsQ_030m	44_SigPhi_015m	45_SigPhi_030m	46_SonicTemp_015m	47_SonicTemp_030m
Hour	DEG	MPH	MPH	MPH	MPH	DEG	DEG	DEGC	DEGC
00:45	1.9	.0	.0	1.5	1.9	7.4	9.5	5.3	5.8
01:00	2.6	.0	.0	1.1	1.3	4.5	7.7	4.8	5.3
01:15	1.4	.0	.0	1.2	1.2	6.5	5.6	4.7	5.2
01:30	2.6	.0	.0	.8	1.5	7.2	6.7	4.2	4.9
01:45	2.3	.0	.1	.7	2.2	3.8	2.1	4.0	4.6
02:00	2.8	.0	.1	.9	1.9	3.8	3.1	3.8	4.5
02:15	2.2	.0	.1	1.0	2.3	6.2	2.7	3.6	4.1
02:30	1.8	.0	.0	1.2	2.3	4.3	3.4	3.4	4.4
02:45	1.2	.0	.0	.9	1.0	7.7	3.4	3.4	4.3
03:00	1.7	.0	.0	1.6	2.1	6.1	4.7	3.4	4.1
03:15	1.1	.0	.1	1.4	3.7	7.9	2.8	3.2	4.1
03:30	1.6	.0	.1	1.8	3.8	6.4	2.2	3.0	4.0
Avg	1.9	.0	.0	1.2	2.1	6.0	4.5	3.9	4.6
Max	2.8	.0	.1	1.8	3.8	7.9	9.5	5.3	5.8
Hr. of Max	05	11	11	11	11	10	00	00	00
Min	1.1	.0	.0	.7	1.0	3.8	2.1	3.0	4.0
Count	12	12	12	12	12	12	12	12	12
Total									