

Daily Summary Report

Site: ORNL Sodar

2/10/2019

Interval: 015m

	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m	12_WS240m
Hour	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	1.1	93.7	2.5	60.1	3.1	45.0	3.9	53.2	3.8
00:15	.9	82.9	2.2	63.3	2.7	46.1	3.4	53.5	2.7
00:30	.7	82.2	2.0	63.8	2.7	48.4	3.2	50.6	2.4
00:45	.8	88.8	2.1	60.1	3.3	42.6	3.4	46.9	2.1
01:00	.9	88.2	1.9	65.1	3.3	48.5	3.4	58.6	2.5
01:15	.6	90.6	2.1	71.4	3.2	54.4	3.3	59.5	2.8
01:30	.2	92.3	2.4	71.4	3.4	53.5	3.2	49.1	2.5
01:45	1.0	84.8	2.6	70.3	3.8	57.6	4.3	56.0	4.5
02:00	1.6	70.8	2.8	59.1	4.3	52.4	5.3	54.6	4.5
02:15	2.0	64.9	3.2	57.8	4.4	50.4	5.8	52.7	4.8
02:30	2.0	65.4	3.1	56.2	3.8	50.5	5.4	51.2	4.3
02:45	1.3	51.7	2.6	51.8	3.4	44.3	4.9	47.8	4.2
03:00	1.1	73.8	2.0	57.6	3.0	43.1	4.5	47.9	4.3
03:15	1.0	99.8	1.8	57.3	2.8	45.3	4.2	46.6	3.8
03:30	1.1	100.1	2.2	55.4	3.1	50.7	4.3	49.7	3.8
03:45	1.2	102.9	2.1	64.1	3.3	58.9	4.6	57.7	4.1
04:00	.9	116.2	1.8	76.1	3.4	64.2	4.8	61.5	4.0
04:15	.8	127.8	2.0	75.8	3.9	67.0	5.2	66.4	3.8
04:30	.1	282.6	2.0	72.6	4.4	70.8	5.7	74.8	4.4
04:45	.7	250.0	1.9	73.6	4.2	74.9	5.5	80.4	4.8
05:00	.4	112.2	1.7	76.1	3.7	76.7	4.8	81.3	5.3
05:15	.7	103.6	1.4	69.7	3.6	71.5	4.4	77.8	5.1
05:30	.6	135.0	1.2	65.6	3.3	66.7	4.1	73.1	4.4
05:45	.7	158.7	1.0	67.6	2.8	69.9	3.8	73.8	4.4
06:00	.6	139.7	.8	63.9	2.3	70.6	3.1	73.3	4.1
06:15	.5	138.0	.6	48.6	1.8	62.2	2.7	71.3	3.6
06:30	.4	175.1	.6	29.3	1.5	57.7	2.4	72.3	3.4
06:45	.4	197.1	.5	39.9	1.2	64.9	1.6	76.4	2.7
07:00	.5	218.3	.5	58.8	1.2	75.7	1.6	79.0	2.4
07:15	.7	219.2	.5	44.7	1.2	78.4	2.1	77.6	2.6
07:30	.6	213.3	.5	54.1	1.1	81.1	2.2	87.3	2.3
07:45	.5	203.7	.6	85.6	1.1	96.5	2.0	101.7	2.5
08:00	.7	172.2	.9	85.1	1.0	97.7	1.7	102.1	2.9
08:15	.7	154.0	.9	79.8	1.0	85.6	1.8	93.9	3.0
08:30	.5	149.7	.6	77.0	1.0	89.3	1.5	99.4	2.7
08:45	.4	161.6	.7	70.1	1.3	82.1	1.7	99.6	3.3
09:00	.5	166.5	1.1	74.3	1.8	76.4	2.7	92.1	3.8
09:15	.5	125.4	1.4	74.1	2.0	75.9	3.0	89.1	3.2
09:30	.3	116.1	1.2	60.7	2.1	65.1	3.1	75.7	2.4
09:45	.3	270.7	.7	31.9	1.7	46.3	2.7	57.3	1.9
10:00	.3	291.4	.3	349.4	1.0	24.8	1.7	41.1	1.4
10:15	.2	284.6	.1	13.0	.7	25.3	1.3	41.0	1.0
10:30	.2	273.1	.2	141.7	.8	68.7	1.2	55.9	.8
10:45	.1	283.2	.4	199.2	.6	112.4	.4	156.0	.3
11:00	.3	291.7	.3	233.0	.3	167.0	.7	188.7	.9
11:15	.1	159.7	.2	244.8	.6	140.7	.9	164.6	1.1
11:30	.2	151.3	.4	180.9	.6	145.7	.9	172.5	1.2
11:45	.1	301.0	.4	181.2	.5	147.5	.7	176.1	.8
12:00	.1	65.9	.3	205.7	.5	175.0	1.0	180.6	.5
12:15	.3	136.1	.2	226.8	.3	188.9	.5	185.3	.7
12:30	.2	222.7	.1	325.2	.1	61.2	.1	70.5	.7

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Interval: 015m

	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m	21_WDir600m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	78.2	5.0	83.7	4.0	88.7	3.6	146.5	6.7	184.5
00:15	80.2	4.4	83.3	3.9	96.6	3.7	149.1	5.7	185.8
00:30	82.7	4.1	81.8	3.4	110.5	3.6	142.3	4.5	192.5
00:45	81.9	4.1	79.3	3.1	118.1	4.3	127.4	5.2	189.5
01:00	80.0	4.5	83.2	3.3	114.8	3.6	140.8	5.0	191.0
01:15	73.8	4.7	84.2	3.3	114.8	2.9	169.9	5.0	192.4
01:30	64.2	4.4	79.6	3.4	118.5	3.6	183.7	6.0	179.4
01:45	73.6	4.5	79.3	3.5	110.8	3.8	166.6	7.1	168.5
02:00	69.3	4.4	79.6	3.3	107.6	3.8	148.9	8.3	150.8
02:15	63.0	4.1	77.5	2.8	110.9	3.2	170.1	8.3	170.8
02:30	60.8	3.7	74.0	2.2	108.8	3.7	183.7	7.8	181.6
02:45	53.2	3.6	71.2	1.9	118.3	4.0	191.3	8.2	180.7
03:00	52.6	3.0	67.1	1.6	134.4	3.8	193.3	9.0	183.0
03:15	53.6	2.8	66.2	1.6	121.4	4.6	197.3	9.0	190.0
03:30	55.7	3.1	70.2	1.5	95.0	4.7	211.9	9.2	199.0
03:45	62.5	3.1	74.0	1.4	116.5	3.7	211.4	9.2	198.0
04:00	66.0	2.9	81.3	1.4	145.0	4.8	196.1	9.2	197.0
04:15	71.4	2.9	84.2	1.2	160.0	5.5	201.5	9.2	196.0
04:30	79.7	3.4	84.3	1.7	151.5	5.0	180.0	9.2	195.0
04:45	86.6	3.7	88.6	2.3	139.6	4.6	163.9	9.2	194.0
05:00	88.1	4.2	94.1	3.2	131.0	5.7	163.2	9.2	193.0
05:15	86.7	4.6	92.9	3.1	129.9	6.9	167.0	9.2	192.0
05:30	87.4	4.0	89.3	2.8	126.6	7.0	169.8	9.2	191.0
05:45	89.5	3.9	94.9	3.1	140.2	6.6	163.6	9.2	190.0
06:00	84.0	3.8	91.7	2.9	149.3	5.6	178.4	9.2	189.0
06:15	79.7	3.9	83.4	2.4	142.4	4.7	187.7	9.2	188.0
06:30	80.7	3.7	83.7	2.2	149.1	5.1	193.6	9.2	187.0
06:45	87.2	2.3	99.0	2.4	170.8	5.6	197.9	9.1	186.4
07:00	96.9	1.5	132.6	2.9	183.2	6.4	196.2	9.5	184.0
07:15	98.0	1.7	144.7	4.0	189.9	9.1	190.4	10.0	182.0
07:30	109.0	1.9	164.3	5.1	195.8	9.0	188.1	10.5	180.0
07:45	123.6	2.3	174.0	5.3	193.7	9.4	190.2	11.0	177.0
08:00	125.2	2.9	168.7	6.1	187.1	10.1	184.9	11.1	173.2
08:15	117.6	2.7	160.9	5.5	185.6	10.0	183.0	10.5	171.8
08:30	117.5	2.7	152.9	5.1	188.3	10.3	193.7	10.0	172.0
08:45	115.2	3.1	146.9	5.6	183.0	9.8	190.6	10.0	172.0
09:00	110.8	3.2	146.0	5.3	179.0	9.2	188.5	10.0	172.0
09:15	108.1	3.0	144.7	4.9	179.4	8.0	190.0	10.0	172.0
09:30	89.8	1.6	133.7	3.7	181.6	7.0	192.0	10.0	172.0
09:45	50.8	.3	38.7	2.2	210.2	6.1	194.1	10.0	172.0
10:00	26.5	.6	314.1	2.4	255.1	5.0	213.0	10.0	172.0
10:15	13.8	.7	307.3	3.0	262.3	4.5	231.7	10.0	172.0
10:30	20.6	.8	295.7	3.0	255.0	5.4	225.1	10.0	172.0
10:45	178.0	1.1	250.6	3.4	235.6	6.8	220.8	10.0	172.0
11:00	216.6	2.0	232.3	6.1	208.4	8.1	210.0	10.0	172.0
11:15	201.8	2.2	215.2	6.5	204.7	9.0	200.0	10.0	172.0
11:30	192.3	.5	209.3	4.1	198.5	10.0	192.0	10.0	172.0
11:45	200.9	.8	208.2	5.1	193.0	10.3	184.0	10.0	172.0
12:00	187.1	.5	235.1	6.1	192.9	9.2	190.0	10.0	172.0
12:15	178.1	.4	272.8	3.9	187.4	8.3	180.0	9.9	172.6
12:30	184.0	.6	215.4	2.5	183.4	7.0	194.0	8.5	175.0

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Interval: 015m

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00						
00:15						
00:30						
00:45						
01:00						
01:15						
01:30						
01:45						
02:00						
02:15						
02:30						
02:45						
03:00						
03:15						
03:30						
03:45						
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09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						
12:30	8.7	171.9				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	8.4	176.2				
13:00	8.4	165.1	10.9	164.2	15.4	187.5
13:15	10.2	162.0	11.6	165.7		
13:30	11.2	165.4	12.9	177.0		
13:45	11.8	166.7	13.0	180.0		
14:00	12.3	168.3	13.0	183.0		
14:15	12.4	174.5	13.0	186.0		
14:30	11.8	185.1	13.0	189.0		
14:45	10.8	185.9	13.0	192.0		
15:00	10.6	187.1	13.0	195.0		
15:15	11.2	188.1	13.0	198.0		
15:30	11.7	191.0	13.4	203.5		
15:45	11.8	187.3				
16:00	13.4	187.8				
16:15	14.1	192.9				
16:30	14.4	195.5				
16:45	14.5	198.0				
17:00	14.5	200.0				
17:15	14.6	201.3				
17:30	16.0	198.7				
17:45	17.6	196.7				
18:00	17.6	197.5				
18:15	17.5	198.3				
18:30	17.0	199.0				
18:45	17.0	200.0				
19:00	16.5	200.0				
19:15	16.4	201.1				
19:30	17.0	202.0				
19:45	18.0	202.0				
20:00	19.0	203.0				
20:15	20.0	204.0				
20:30	20.9	204.2				
20:45	20.5	205.2				
21:00	20.1	206.2				
21:15	19.7	207.2				
21:30	19.3	208.2				
21:45	18.9	209.2				
22:00	18.5	210.2				
22:15	18.1	211.2				
22:30	17.7	212.2				
22:45	17.3	213.2				
23:00	16.9	214.2				
23:15	16.5	215.2				
23:30	16.1	216.2				
23:45	15.7	217.2				
Avg	15.3	195.7	12.7	184.9	15.4	187.5
Max	20.9	217.2	13.4	203.5	15.4	187.5
Hr. of Max	82	95	62	62	52	52
Min	8.4	162.0	10.9	164.2	15.4	187.5
Count	46	46	11	11	1	1
Total						