

Daily Summary Report

Site: ORNL Sodar

3/25/2019

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	.6	201.8	1.8	183.1	.9	190.8	.7	207.4	.6
00:15	.4	201.8	2.0	183.1	1.0	190.8	.5	207.4	.4
00:30	.3	191.8	1.6	178.7	1.2	185.8	.9	193.0	.5
00:45	.1	234.4	1.9	174.5	1.4	182.2	.9	192.9	.3
01:00	.4	234.8	2.1	180.6	1.3	182.7	.8	189.5	.3
01:15	.6	200.1	2.1	183.7	1.3	183.6	.9	191.2	.4
01:30	.5	189.4	2.5	186.7	1.4	188.4	1.3	201.9	.6
01:45	.3	176.4	2.3	193.8	1.6	191.2	1.6	200.2	.7
02:00	.3	165.8	1.5	193.7	2.1	193.1	1.9	196.3	.6
02:15	.2	136.4	1.0	194.9	2.3	199.7	2.9	195.8	.7
02:30	.2	102.5	1.0	218.6	2.4	210.4	3.1	201.2	1.0
02:45	.2	140.2	1.2	219.0	2.5	213.4	2.7	209.7	.8
03:00	.2	139.3	1.4	209.4	2.5	202.2	2.5	207.0	.4
03:15	.8	180.7	2.5	194.6	3.1	197.7	2.1	200.1	.2
03:30	1.2	189.3	3.5	193.1	4.2	198.6	3.4	196.6	1.6
03:45	1.2	188.0	3.3	198.6	4.6	197.7	5.0	196.0	4.7
04:00	1.1	188.5	3.4	203.3	4.3	199.3	5.3	199.1	6.0
04:15	.9	192.7	2.5	208.2	3.8	204.6	5.4	202.5	5.8
04:30	.7	177.3	1.9	216.0	3.5	208.0	5.1	201.2	5.6
04:45	.5	158.7	2.1	222.4	3.3	208.6	4.5	202.0	5.2
05:00	.2	158.9	2.2	213.6	3.2	205.4	4.3	202.0	3.4
05:15	.2	192.6	2.6	205.8	3.3	202.1	4.3	199.1	4.2
05:30	1.1	187.8	2.5	205.2	3.5	203.3	4.8	203.9	6.3
05:45	1.9	183.4	2.4	198.8	3.6	201.7	5.3	204.1	7.4
06:00	2.0	183.6	2.4	195.0	3.8	200.3	5.5	202.6	8.0
06:15	2.4	186.0	2.2	198.2	3.7	205.4	5.6	204.3	7.9
06:30	1.4	192.6	1.6	198.7	3.4	211.7	5.0	206.3	6.9
06:45	.4	201.3	1.2	207.4	2.7	211.7	4.1	208.1	6.2
07:00	.4	347.1	.9	223.6	1.8	216.2	3.1	215.6	4.8
07:15	.9	338.1	1.1	306.2	1.3	269.7	2.0	252.6	2.8
07:30	1.5	318.5	2.7	316.7	2.8	299.2	2.9	287.6	3.1
07:45	1.6	289.3	3.7	298.8	4.0	290.3	3.9	279.1	4.0
08:00	2.8	272.7	4.2	280.4	5.2	278.5	5.9	273.8	5.3
08:15	1.9	256.7	3.0	263.4	5.1	266.6	6.4	266.4	7.8
08:30	.9	192.8	1.9	231.0	3.8	246.3	4.9	253.2	5.5
08:45	.7	223.6	2.4	210.0	3.2	231.2	3.6	242.9	3.5
09:00	.5	218.3	2.4	221.3	2.8	236.6	2.3	239.7	1.8
09:15	.1	116.6	1.4	231.8	1.5	241.8	1.1	237.6	.8
09:30	.1	359.1	.9	242.1	.7	237.0	.8	254.3	.7
09:45	.1	41.5	.5	244.3	.6	243.5	.9	273.6	1.0
10:00	.1	274.2	.6	203.7	.9	234.0	.9	254.0	1.4
10:15	.3	228.5	1.7	195.9	1.1	215.1	1.2	221.7	1.1
10:30	.5	219.9	2.1	194.3	1.0	207.4	1.1	210.5	.8
10:45	.3	210.4	1.8	193.4	1.4	206.0	1.5	201.9	1.8
11:00	.4	187.6	1.2	207.5	1.7	207.5	2.0	194.8	2.9
11:15	.4	213.3	1.0	221.6	1.6	206.2	2.1	194.7	3.4
11:30	.4	243.4	.9	206.3	1.6	214.2	2.5	211.0	4.1
11:45	.3	270.2	1.0	246.7	1.9	238.1	2.9	228.4	4.1
12:00	.3	289.8	1.4	246.6	2.2	240.5	3.2	231.8	4.1
12:15	.4	245.6	1.3	236.5	2.3	236.4	3.5	233.4	5.0
12:30	.5	243.0	1.6	267.1	2.2	252.7	3.2	247.6	5.2

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	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	200.0	4.0	172.0	9.0	180.0				
00:15	214.5	.6	167.2	8.0	181.0				
00:30	190.7	1.8	178.5	6.0	183.0				
00:45	194.3	1.4	190.9	4.0	186.0				
01:00	191.4	.9	212.2	3.6	188.9				
01:15	201.6	1.0	211.9	1.9	194.4				
01:30	197.4	.5	235.1	1.8	193.8	.7	228.5		
01:45	199.2	.3	222.6	1.1	194.8	.5	245.7		
02:00	192.7	.6	242.1	1.2	353.2				
02:15	188.1	.9	228.0	.6	2.0				
02:30	213.0	1.1	208.9	.3	198.7				
02:45	232.1	.5	226.2	.7	196.6	.3	340.6	.5	94.3
03:00	239.4	.3	219.0	2.0	197.0	.6	117.0	.9	103.5
03:15	203.3	.4	221.4	2.5	189.7	.6	121.5	.5	236.9
03:30	188.4	2.7	201.4	2.2	187.7	.3	135.3	.5	240.0
03:45	189.1	4.8	200.4	1.6	201.5	.4	221.1	.5	245.0
04:00	191.8	3.6	195.9	1.9	202.0	2.3	208.2	.5	245.0
04:15	193.2	2.8	189.6	1.8	197.0	1.8	202.0	.5	250.0
04:30	194.2	4.2	185.5	5.1	186.7	1.1	194.8	.5	255.0
04:45	195.0	5.1	185.5	7.6	181.8	.6	175.3	.6	260.8
05:00	194.3	1.4	213.3	.1	154.6	.5	80.8	1.4	269.2
05:15	192.7	3.9	199.2	2.0	182.0	.7	273.2		
05:30	194.2	7.4	196.1	5.0	187.0	2.0	225.0		
05:45	197.9	8.6	196.1	7.3	193.0	4.5	188.0		
06:00	201.1	9.6	205.5	7.4	198.0	6.0	195.0		
06:15	202.5	9.5	209.0	7.6	203.0	7.0	202.0		
06:30	206.7	9.1	206.6	7.8	208.0	8.0	208.0		
06:45	208.0	8.6	210.0	8.0	214.0	9.0	215.0		
07:00	207.4	7.1	210.6	8.2	220.0	10.0	218.0		
07:15	220.9	3.8	225.6	8.3	225.7	11.0	222.0		
07:30	261.6	3.9	254.6	7.4	234.1	11.5	228.7		
07:45	265.6	5.3	262.9	7.0	237.8	11.3	231.0	10.9	231.0
08:00	266.9	7.2	270.1	7.5	253.7	11.2	241.0	11.8	232.0
08:15	264.8	8.0	265.4	10.2	248.2	11.1	244.6	11.8	235.1
08:30	260.1	5.8	260.1	9.8	250.8	7.8	247.7	11.5	234.0
08:45	253.0	3.8	252.8	7.7	251.6	7.3	245.6	11.5	233.0
09:00	247.1	3.4	256.0	6.8	231.0	8.0	235.0	11.5	233.0
09:15	265.4	2.5	263.3	6.2	241.0	8.7	225.5	11.0	231.0
09:30	258.1	2.0	258.1	4.0	248.0	9.1	228.2	10.5	229.8
09:45	261.8	2.3	265.1	5.5	255.0	8.9	218.3	10.2	227.9
10:00	260.4	2.5	263.8	4.9	256.7	7.3	215.7	8.5	219.1
10:15	243.0	1.3	254.9	2.8	250.6	5.7	209.2	9.0	218.0
10:30	225.6	1.0	235.2	3.0	210.0	7.0	208.0	9.5	217.0
10:45	203.2	3.1	198.2	8.7	196.7	8.6	206.8	9.9	216.0
11:00	201.1	4.7	196.6	8.3	201.3	9.1	208.3	11.0	216.0
11:15	205.0	5.8	200.1	9.3	206.1	10.2	209.4	11.4	211.0
11:30	210.7	7.0	209.7	10.8	215.6	12.8	216.3	11.3	213.0
11:45	218.5	6.5	217.0	10.6	218.6	13.8	222.0	11.0	220.9
12:00	223.1	6.4	215.3	10.6	217.4	13.7	219.4	12.7	226.0
12:15	228.1	7.3	217.2	11.8	218.5	13.2	217.8	16.1	227.5
12:30	238.4	6.7	229.7	11.8	221.2	12.7	224.4	15.1	226.2

Daily Summary Report

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3/25/2019

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						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45	9.6	222.1				
08:00	12.6	228.7				
08:15	12.5	228.0				
08:30	12.5	228.0				
08:45	12.5	227.0				
09:00	12.5	227.0				
09:15	12.5	227.0				
09:30	12.4	226.6				
09:45	13.1	223.9				
10:00	13.3	223.0				
10:15	13.3	223.0				
10:30	13.3	222.0				
10:45	13.5	222.0				
11:00	13.5	221.0				
11:15	13.5	221.0				
11:30	13.5	221.0				
11:45	13.8	220.0				
12:00	13.2	221.0	12.3	223.3	12.4	226.4
12:15	14.6	227.6	13.0	226.4	14.2	229.3
12:30	14.4	232.7	14.1	222.2	15.9	223.7

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.3	231.7	14.2	224.0	14.5	223.0
13:00	14.2	224.7	14.3	225.8	13.7	222.9
13:15	14.3	228.6	14.5	224.2	14.5	223.0
13:30	13.6	227.7	15.3	222.8	15.3	222.8
13:45	14.0	224.0	15.7	222.8		
14:00	13.3	228.0	13.8	231.0		
14:15	13.2	223.0	12.9	220.8		
14:30	13.3	224.0	13.0	220.0		
14:45	13.3	225.0	13.0	219.0		
15:00	13.5	226.0	13.3	218.0		
15:15	13.5	228.0	13.5	217.0		
15:30	13.5	227.0	13.8	216.8		
15:45	13.5	218.0				
16:00	14.0	226.0				
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00	8.6	335.2				
23:15	8.4	336.3	8.8	337.8	7.6	345.6
23:30	8.3	335.3	9.0	350.4	7.5	346.7
23:45	7.4	340.0	7.7	350.4	7.6	345.3
Avg	12.7	236.9	12.9	242.9	12.3	260.9
Max	14.6	340.0	15.7	350.4	15.9	346.7
Hr. of Max	49	95	55	95	50	94
Min	7.4	218.0	7.7	216.8	7.5	222.8
Count	38	38	18	18	10	10
Total						