

Daily Summary Report

Site: ORNL Sodar

2/24/2019

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	.7	214.5	1.0	198.4	1.3	231.8	1.9	230.2	4.7
00:15	.7	215.0	.8	203.5	.8	241.9	.9	237.9	3.9
00:30	.6	208.7	.9	214.7	.6	244.1	.7	236.1	2.2
00:45	.5	195.2	.9	216.0	.5	241.6	.8	228.6	1.6
01:00	.6	193.8	.9	221.0	.8	239.0	1.1	230.4	4.0
01:15	.4	206.4	.8	232.3	1.4	247.8	3.0	254.1	6.0
01:30	.5	246.2	1.4	241.4	3.7	256.3	6.1	250.3	8.5
01:45	.4	237.7	1.5	245.5	4.8	254.2	7.2	243.9	11.1
02:00	.3	236.2	1.0	215.7	5.4	249.8	7.7	241.6	11.5
02:15	.6	205.5	4.1	243.7	4.9	231.2	8.4	236.8	13.7
02:30	1.1	180.5	3.4	219.1	5.4	207.1	7.6	216.1	12.9
02:45	.9	180.3	2.4	212.9	4.9	224.1	8.3	218.2	12.9
03:00	.5	188.8	1.2	218.1	3.1	240.1	6.0	250.0	11.7
03:15	.3	240.1	1.1	186.8	5.9	254.5	9.2	256.9	12.8
03:30	.7	189.0	5.8	230.1	9.4	236.0	10.9	234.7	14.4
03:45	3.7	198.0	10.5	207.6	10.0	228.5	12.2	228.5	14.5
04:00	9.3	190.7	8.1	216.8	10.2	233.7	12.5	226.2	14.1
04:15	5.0	189.0	6.0	210.0	7.9	231.8	11.3	227.8	13.0
04:30	3.0	188.0	3.0	205.0	5.0	228.0	7.1	231.1	9.9
04:45	.4	186.1	1.2	198.7	2.5	225.7	4.1	228.1	7.5
05:00	.2	227.1	1.0	218.9	1.7	233.4	2.8	231.9	6.6
05:15	.2	288.5	1.0	219.2	1.4	227.9	2.3	214.5	6.1
05:30	.4	350.0	.9	217.3	1.5	243.5	2.2	234.2	4.1
05:45	.3	357.9	.8	229.6	1.2	241.8	1.9	241.4	2.4
06:00	.5	309.6	1.1	243.6	1.7	237.3	3.3	249.9	5.1
06:15	.7	286.7	1.3	236.3	2.8	241.1	4.8	251.6	8.1
06:30	.6	254.1	1.6	232.1	2.9	224.4	4.4	233.6	7.3
06:45	1.5	227.9	2.2	224.1	4.6	209.1	6.4	214.6	9.7
07:00	2.5	197.3	3.3	199.7	5.2	208.8	7.3	211.9	10.3
07:15	1.0	189.8	1.5	196.1	3.5	205.8	5.9	199.9	9.8
07:30	.1	133.0	.7	198.6	1.8	210.6	4.6	195.8	7.8
07:45	.1	192.0	.9	211.2	1.9	222.9	4.0	207.2	7.1
08:00	1.2	215.1	1.5	219.6	3.3	220.7	6.0	214.9	9.3
08:15	4.4	193.5	3.5	229.3	5.6	220.6	8.6	218.9	11.1
08:30	4.0	200.0	6.1	217.4	7.4	219.6	9.5	223.5	11.7
08:45	2.8	196.3	3.3	227.5	6.3	217.9	7.6	221.6	9.8
09:00	1.0	225.4	1.5	239.1	3.1	219.5	3.3	222.0	4.2
09:15	.7	250.2	1.0	236.0	1.6	230.4	1.9	231.8	1.3
09:30	.3	231.0	.9	212.3	1.2	226.9	1.3	224.4	.6
09:45	.2	207.4	.6	210.6	.9	206.8	.9	203.3	.2
10:00	.3	236.7	.6	211.1	1.0	214.1	1.5	238.6	.2
10:15	.2	278.7	1.1	210.3	2.2	243.8	3.0	255.0	2.1
10:30	.1	99.6	1.3	212.3	3.0	235.2	3.5	258.5	2.9
10:45	.1	209.5	1.3	225.1	2.3	233.9	2.5	243.0	1.6
11:00	.6	257.2	2.3	237.9	5.0	248.0	5.0	252.0	5.0
11:15	1.9	263.6	5.0	253.2	8.8	262.1	9.8	261.7	11.0
11:30	2.8	265.9	7.2	258.1	8.3	257.5	10.6	258.6	10.9
11:45	3.6	270.4	6.7	266.1	8.9	264.4	10.9	262.8	11.3
12:00	7.8	271.2	9.2	272.1	10.4	274.0	11.8	273.0	11.8
12:15	8.2	269.9	8.5	270.9	11.2	271.0	11.6	273.8	11.8
12:30	7.8	272.5	8.4	279.7	10.8	276.4	11.5	280.0	12.0

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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	211.4	9.0	216.9	12.4	217.1	13.8	214.2	13.9	222.5
00:15	206.9	8.4	217.1	11.8	215.8	13.7	208.2	13.5	219.6
00:30	218.7	7.5	212.8	11.5	208.6	14.6	203.7	14.0	220.0
00:45	242.3	5.6	217.8	12.5	203.0	14.7	203.4	14.0	220.0
01:00	231.3	7.7	215.5	12.0	206.0	14.5	208.0	14.0	220.0
01:15	234.4	9.1	218.4	11.2	209.5	14.5	212.0	14.0	220.0
01:30	236.0	10.4	224.7	12.1	217.2	14.5	215.0	14.0	221.0
01:45	227.6	12.2	228.9	13.1	223.5	14.1	217.3	14.0	221.0
02:00	229.4	12.3	227.2	14.1	222.6	15.0	227.6	14.3	221.6
02:15	232.6	13.6	224.7	14.6	220.8	14.7	223.1	14.8	219.9
02:30	221.7	14.5	223.2	15.8	221.4	14.8	218.3	16.3	227.0
02:45	223.3	14.3	221.7	16.1	219.7	16.4	224.2	16.1	228.7
03:00	254.7	14.1	228.0	16.5	227.7	16.0	221.5	16.0	228.0
03:15	250.8	15.5	241.7	18.8	237.2	18.5	230.0	17.0	228.0
03:30	233.7	18.0	230.9	20.9	229.9	21.8	237.0	15.4	228.5
03:45	228.1	17.2	225.1	21.3	220.5	23.0	226.0	17.5	233.0
04:00	227.4	15.4	223.6	18.4	222.2	22.5	223.3	17.0	234.0
04:15	226.6	14.0	223.9	16.3	223.7	19.8	222.8	17.0	234.0
04:30	220.2	11.9	220.1	14.3	220.4	17.0	222.6	16.5	234.0
04:45	214.3	11.0	211.9	14.3	216.7	15.8	223.3	16.5	234.0
05:00	224.1	11.8	214.9	14.9	219.7	16.6	225.3	16.0	233.0
05:15	224.4	11.7	216.0	14.8	221.0	16.0	228.0	16.0	233.0
05:30	209.7	11.6	218.0	14.5	223.0	15.8	230.0	15.5	233.0
05:45	214.9	11.5	220.0	14.3	224.0	15.5	232.0	15.5	233.0
06:00	250.5	11.5	222.0	14.3	225.0	15.5	235.0	15.0	233.0
06:15	258.1	11.5	224.0	14.0	227.0	15.3	235.0	15.0	232.0
06:30	240.2	11.4	226.6	14.0	228.0	15.0	235.0	15.0	232.0
06:45	214.9	11.8	225.3	14.0	230.1	14.7	234.1	15.0	232.0
07:00	213.7	12.1	223.7	13.4	232.8	15.4	229.5	14.5	231.6
07:15	202.0	11.2	213.8	14.1	226.3	16.8	226.7	15.0	227.3
07:30	196.4	11.4	204.9	14.9	221.6	17.0	225.3	16.8	224.6
07:45	207.1	11.6	211.9	15.0	223.9	17.0	226.5	17.2	224.7
08:00	214.8	12.5	221.7	15.8	227.5	15.5	226.2	16.2	225.7
08:15	222.7	13.9	225.5	15.6	228.7	15.8	226.3	15.8	225.9
08:30	226.5	13.9	224.3	14.7	228.5	16.8	227.0	15.3	230.7
08:45	220.6	12.8	224.4	14.3	230.3	17.7	232.3	15.1	232.3
09:00	218.8	6.0	239.0						
09:15	233.0	1.2	254.2						
09:30	236.1	1.0	290.0						
09:45	276.0	.6	316.7						
10:00	163.9								
10:15	263.5	1.4	149.8						
10:30	248.2	2.2	171.0						
10:45	182.4	2.2	175.5						
11:00	225.0	6.0	225.0						
11:15	267.0	11.9	256.9						
11:30	259.1	12.1	253.7						
11:45	261.2	12.0	260.0						
12:00	270.5	12.0	270.0						
12:15	269.3	12.1	275.5						
12:30	280.5	12.3	294.0						

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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	13.6	227.2	14.6	232.8		
00:15	13.8	227.4	14.5	232.0		
00:30	14.0	226.0	14.5	232.0		
00:45	14.0	225.0	14.5	232.0		
01:00	14.0	224.0	14.5	232.0		
01:15	14.0	223.0	15.0	232.0		
01:30	14.0	221.0	15.0	232.0		
01:45	14.0	220.0	15.5	232.0		
02:00	14.0	218.0	15.5	232.0		
02:15	14.0	216.0	16.0	232.0		
02:30	14.2	215.3	16.0	232.0		
02:45	14.9	221.6	16.4	231.2		
03:00	17.2	225.9	16.0	230.0		
03:15	15.6	225.7	15.5	230.0		
03:30	15.5	226.0	15.1	229.9		
03:45	15.7	227.4	15.5	229.0		
04:00	16.3	226.0	15.5	229.0		
04:15	16.3	226.0	15.8	228.0		
04:30	16.3	226.0	16.0	228.0		
04:45	16.3	226.0	16.3	227.0		
05:00	16.3	226.0	16.3	227.0		
05:15	16.3	226.0	16.5	226.0		
05:30	16.3	226.0	16.5	226.0		
05:45	16.3	226.0	16.8	225.0		
06:00	16.3	226.0	17.0	225.0		
06:15	16.3	226.0	17.3	224.0		
06:30	16.3	226.0	17.5	224.0		
06:45	16.3	226.0	17.8	223.0		
07:00	16.3	226.0	18.0	223.0		
07:15	16.3	226.0	18.3	222.0		
07:30	17.1	226.0	18.5	221.9	15.8	225.6
07:45	18.4	227.0	18.0	224.0		
08:00	17.2	227.0	16.7	221.5		
08:15	17.1	227.3	16.0	221.0		
08:30						
08:45						
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						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
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21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	15.6	224.7	16.1	227.9	15.8	225.6
Max	18.4	227.4	18.5	232.8	15.8	225.6
Hr. of Max	31	15	30	00	30	30
Min	13.6	215.3	14.5	221.0	15.8	225.6
Count	34	34	34	34	1	1
Total						