

Daily Summary Report

Site: ORNL Sodar

3/10/2019

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	.4	348.2	2.1	276.0	2.6	269.1	3.4	265.9	6.5
00:15	.7	340.9	1.9	276.1	3.5	276.1	5.1	278.1	8.5
00:30	.8	301.5	2.1	264.8	3.5	278.6	7.8	274.7	9.1
00:45	2.0	280.0	4.4	258.6	7.1	264.6	9.2	263.5	11.7
01:00	3.0	265.0	6.5	256.4	8.5	253.8	10.2	253.1	13.7
01:15	2.4	254.7	6.2	244.3	9.6	244.1	11.5	243.1	14.4
01:30	3.7	237.4	7.8	223.9	10.5	229.8	12.7	227.9	15.0
01:45	8.1	187.4	6.7	211.9	8.5	220.1	11.9	212.1	14.1
02:00	4.0	185.0	3.0	210.0	6.0	210.0	8.7	197.1	13.1
02:15	4.0	185.0	3.0	210.0	5.6	208.0	8.1	195.5	13.0
02:30	3.0	185.0	2.5	210.0	5.2	205.0	9.2	201.9	12.5
02:45	2.0	184.0	2.5	209.0	5.0	204.0	7.3	211.2	12.0
03:00	1.0	183.0	2.0	209.0	4.5	202.0	3.5	224.6	11.5
03:15	1.0	182.3	1.8	208.0	4.3	201.7	8.1	195.5	11.3
03:30	.9	205.8	3.1	217.9	5.6	208.2	9.2	201.9	11.8
03:45	.9	214.6	3.2	234.2	4.9	219.2	7.3	211.2	9.8
04:00	.5	239.3	1.7	241.1	2.7	234.6	3.5	224.6	3.3
04:15	.5	236.6	1.6	237.0	2.2	234.8	2.8	231.2	2.6
04:30	.4	233.4	1.6	247.1	2.2	231.0	3.0	233.5	3.0
04:45	.2	211.7	1.4	238.4	2.4	227.9	3.1	239.2	3.0
05:00	.3	167.4	1.7	239.4	2.6	235.0	2.8	242.2	2.4
05:15	.4	169.0	2.0	245.2	2.8	238.8	2.8	241.4	3.5
05:30	.3	226.5	1.5	236.7	2.8	236.1	2.7	242.6	3.6
05:45	.4	248.6	.8	225.3	2.1	233.3	2.1	239.5	2.1
06:00	.3	219.8	.7	229.7	1.5	221.9	1.6	234.6	2.0
06:15	.1	239.9	.9	232.9	1.4	231.1	1.4	243.5	2.0
06:30	.5	267.4	1.0	226.9	2.0	253.2	2.3	260.4	3.2
06:45	.5	268.1	1.2	229.7	2.6	253.2	3.3	260.5	5.1
07:00	.4	264.4	1.2	251.2	2.9	249.9	3.6	253.8	5.1
07:15	1.1	266.9	1.1	258.3	3.8	242.6	4.8	238.2	7.0
07:30	1.6	269.1	1.2	246.7	4.2	240.2	6.5	229.5	9.0
07:45	1.4	262.1	1.9	244.9	4.0	243.9	6.3	231.8	10.1
08:00	.8	255.1	1.9	247.7	3.6	241.5	6.4	228.8	9.4
08:15	1.0	269.7	1.7	253.4	3.2	236.8	6.2	226.4	8.9
08:30	1.8	269.6	1.8	249.3	3.5	242.6	5.7	233.7	9.4
08:45	1.3	266.3	1.6	245.3	3.2	238.4	5.5	231.1	9.1
09:00	.5	263.7	1.4	251.1	2.4	238.4	4.5	233.0	7.8
09:15	.2	264.3	.9	253.7	1.9	245.3	3.6	241.5	6.2
09:30	.1	236.5	.9	250.0	2.1	239.1	3.6	242.8	5.7
09:45	.3	230.7	.8	240.6	2.2	237.6	3.6	242.6	5.6
10:00	.2	211.4	.5	234.9	1.4	240.1	2.3	238.2	4.6
10:15	.1	204.8	.6	244.8	1.1	233.8	1.6	232.2	4.3
10:30	.2	233.7	.9	230.0	1.2	225.2	1.5	234.5	3.7
10:45	.2	231.0	1.1	244.8	1.4	246.0	1.5	242.1	2.1
11:00	.1	232.2	1.1	253.8	1.8	250.3	1.8	247.9	1.5
11:15	.1	251.6	1.2	244.2	2.0	244.8	1.8	240.7	1.6
11:30	.0	75.6	1.2	245.9	1.7	234.7	1.7	228.7	1.7
11:45	.1	188.0	1.8	251.3	2.2	231.5	2.2	236.0	2.1
12:00	.1	177.1	2.4	244.8	2.8	239.6	2.4	236.0	2.0
12:15	.4	265.5	3.1	246.7	4.2	244.9	3.3	230.3	2.0
12:30	.1	204.0	3.8	238.1	5.2	240.8	5.3	242.0	5.0

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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	258.9	8.0	252.4	10.9	243.5	12.0	240.0		
00:15	272.0	9.2	268.5	10.6	265.1	14.0	235.0		
00:30	268.1	10.6	265.7	10.0	258.7	15.0	230.0		
00:45	260.4	13.8	260.9	11.8	250.8	16.0	225.0		
01:00	252.1	16.5	249.3	17.0	243.4	18.0	220.0		
01:15	242.6	17.0	236.4	19.0	233.0	20.0	215.0		
01:30	227.7	17.0	223.0	21.0	222.0	22.0	215.0		
01:45	211.8	17.5	210.3	21.8	211.6	24.7	213.0	25.5	218.7
02:00	200.9	17.7	201.2	20.7	207.4	26.2	211.4		
02:15	200.0	17.2	201.0	20.0	206.2	23.5	214.0		
02:30	200.0	16.5	200.0	20.0	205.6	21.6	211.4		
02:45	200.0	16.5	200.0	20.0	206.0	22.0	209.7		
03:00	200.0	16.0	199.0	20.0	207.0	21.5	210.0		
03:15	199.7	15.8	198.7	19.3	206.2	23.5	214.0		
03:30	199.5	15.0	197.6	18.7	205.6	21.6	211.4		
03:45	202.2	13.9	200.7	18.4	206.0	22.0	209.7		
04:00	241.9	6.5	211.8	18.3	207.0	21.5	210.0		
04:15	241.2	2.6	242.4	18.3	208.0	21.0	211.0		
04:30	242.2	4.0	250.0	18.3	209.0	20.5	212.0		
04:45	237.5	2.8	242.0	18.2	210.0	20.0	213.0		
05:00	238.7	1.9	269.8	18.2	211.0	19.5	214.0		
05:15	249.1	4.3	269.2	18.1	212.0	19.0	215.0		
05:30	249.6	4.1	256.3	18.1	213.0	18.5	216.0		
05:45	242.5	2.8	226.6	18.0	214.0	18.0	217.0		
06:00	244.0	2.7	224.7	18.0	215.0	17.5	218.0		
06:15	252.3	2.6	265.3	17.9	216.0	17.5	219.0		
06:30	259.3	4.4	270.7	17.9	217.0	17.5	220.0		
06:45	264.7	6.7	270.1	17.8	218.0	17.5	221.0		
07:00	261.1	8.0	255.0	17.8	219.0	17.5	222.0		
07:15	250.0	10.0	240.0	17.7	220.0	17.5	223.0		
07:30	235.0	11.0	230.0	17.7	221.0	17.5	224.0		
07:45	221.3	12.8	218.1	17.6	222.3	17.2	224.8	16.3	225.4
08:00	225.9	12.9	219.7	16.5	221.6	16.7	225.4	16.8	229.0
08:15	226.4	12.2	222.6	17.9	224.0	16.2	228.5	17.2	230.3
08:30	220.2	12.1	221.6	16.8	222.3	15.3	224.0	15.5	227.3
08:45	220.0	11.7	219.9	15.9	220.9	15.8	221.3	15.7	224.3
09:00	225.5	10.5	222.0	15.2	223.9	15.0	226.7	16.1	224.8
09:15	230.5	10.1	220.4	14.7	223.0	15.1	226.0	17.0	226.0
09:30	237.9	8.8	226.6	13.9	224.6	15.3	230.0	16.0	228.0
09:45	236.0	8.3	231.5	12.6	230.3	15.5	233.0	15.0	230.0
10:00	236.9	7.6	232.0	11.4	232.0	15.8	237.3	14.0	232.0
10:15	231.0	7.2	231.0	10.7	229.8	14.4	233.5	13.0	234.0
10:30	226.4	6.4	224.9	9.9	227.2	12.3	227.7	12.0	236.0
10:45	235.2	3.9	222.6	8.2	225.8	10.4	226.4	10.0	240.0
11:00	241.6	2.3	222.0	7.4	225.8	9.7	227.3	8.0	243.0
11:15	236.6	1.8	221.0	5.4	232.6	7.0	240.0	7.0	246.0
11:30	221.2	1.9	213.7	3.5	214.3	5.0	237.0	5.9	249.7
11:45	230.1	2.1	220.6	4.8	224.7	7.0	234.0	7.0	247.0
12:00	228.4	2.1	235.7	4.5	231.1	8.0	232.0	8.0	245.0
12:15	220.4	2.2	211.6	3.9	218.2	9.0	230.0	9.0	243.0
12:30	239.7	4.6	231.0	6.0	235.3	10.0	228.0	10.0	241.0

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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						
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05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45	18.8	221.6	16.5	224.3	19.6	218.9
08:00	17.3	224.8	16.5	224.1	16.9	227.1
08:15	16.7	227.5	17.2	226.4	16.3	226.0
08:30	15.0	231.2	17.0	227.2	16.7	223.2
08:45	14.5	228.0	16.1	223.2		
09:00	14.1	236.5	14.7	227.6		
09:15	16.8	231.3	16.9	229.3		
09:30	16.0	231.0	16.8	229.0		
09:45	15.8	230.0	16.8	229.0		
10:00	15.5	230.0	16.5	228.0		
10:15	15.3	229.0	16.3	228.0		
10:30	15.0	229.0	16.0	228.0		
10:45	14.8	228.0	15.8	227.0		
11:00	14.5	228.0	15.5	227.0		
11:15	14.3	227.0	15.3	227.0		
11:30	14.0	227.0	15.0	226.0		
11:45	13.8	226.0	14.8	226.0		
12:00	13.5	226.0	14.5	226.0		
12:15	13.3	225.0	14.3	225.0		
12:30	13.0	225.0	14.0	225.0		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	12.8	224.0	13.8	225.0		
13:00	12.5	223.0	13.5	225.0		
13:15	12.3	223.0	13.3	224.0		
13:30	12.0	222.0	13.0	224.0		
13:45	11.8	221.0	12.8	223.0		
14:00	11.5	220.0	12.5	223.0		
14:15	11.4	219.0	12.3	222.7		
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
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						
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20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	14.3	226.4	15.1	225.9	17.4	223.8
Max	18.8	236.5	17.2	229.3	19.6	227.1
Hr. of Max	31	36	33	37	31	32
Min	11.4	219.0	12.3	222.7	16.3	218.9
Count	27	27	27	27	4	4
Total						