

Daily Summary Report

Site: ORNL Sodar

11/30/2018

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	1.5	116.1	.3	39.5	.7	118.4	.7	176.4	1.7
00:15	1.1	111.1	.4	51.1	.8	116.5	1.0	163.6	1.9
00:30	.8	126.2	.3	56.9	.8	119.6	1.6	171.4	2.7
00:45	.9	161.4	.1	46.4	.5	105.2	1.6	187.8	3.2
01:00	.8	161.6	.2	20.8	.5	82.6	1.8	189.2	3.4
01:15	.7	158.6	.3	.9	.6	82.7	1.8	183.2	3.4
01:30	.7	152.4	.3	9.4	.3	115.3	1.5	204.0	3.8
01:45	.7	147.1	.1	73.3	.3	145.0	1.6	207.9	4.2
02:00	.5	149.7	.2	185.9	.6	198.1	2.1	205.4	4.8
02:15	.6	146.4	.1	243.9	1.2	214.4	2.8	211.9	5.5
02:30	.4	164.2	1.0	248.4	1.7	235.5	3.0	219.1	6.4
02:45	.5	243.8	2.7	251.1	2.9	236.9	3.4	223.4	6.9
03:00	.9	257.6	3.1	254.1	4.8	250.9	3.9	225.2	7.1
03:15	1.2	254.5	2.9	249.2	3.1	239.8	4.0	226.0	7.6
03:30	1.2	242.9	3.9	245.2	3.4	229.0	4.3	227.5	7.9
03:45	1.4	227.7	4.7	247.4	4.2	224.3	5.1	223.1	8.3
04:00	1.4	234.7	4.1	250.5	4.3	228.1	6.1	221.6	8.7
04:15	1.4	239.4	4.2	242.3	5.1	223.1	6.3	230.7	9.6
04:30	1.7	243.4	4.5	244.9	5.0	230.1	6.4	237.6	10.3
04:45	3.9	259.6	4.2	254.3	4.4	240.1	6.3	240.8	10.4
05:00	3.0	269.0	4.0	257.2	3.7	242.1	6.1	240.1	10.3
05:15	2.0	268.0	3.4	251.6	4.2	243.9	6.4	237.7	10.4
05:30	3.4	264.1	3.3	236.5	4.5	241.5	6.4	237.6	10.2
05:45	3.0	269.0	2.6	248.3	4.5	239.3	6.3	238.4	10.3
06:00	3.7	261.8	2.6	244.3	4.6	240.8	6.8	234.7	10.6
06:15	4.7	262.9	3.4	250.2	4.7	246.4	7.1	236.8	10.9
06:30	4.1	262.4	5.3	254.5	4.4	243.2	7.0	236.9	10.6
06:45	3.3	255.2	3.6	244.3	4.1	237.5	6.5	232.2	10.3
07:00	5.4	262.3	2.5	245.4	4.2	237.4	6.3	231.9	10.2
07:15	4.2	260.6	3.4	240.4	4.7	234.4	6.6	230.3	10.5
07:30	3.2	253.3	3.6	236.6	4.6	234.9	6.2	230.6	10.0
07:45	2.8	254.7	3.5	242.5	4.7	238.5	6.0	234.5	9.3
08:00	2.9	266.9	2.8	251.3	4.6	242.1	5.8	241.1	8.5
08:15	5.2	282.9	2.8	249.5	4.3	243.5	5.8	241.9	8.2
08:30	5.3	279.2	3.4	251.8	4.3	240.8	5.9	240.7	8.2
08:45	4.2	265.6	2.0	273.6	4.2	243.3	5.7	239.8	7.9
09:00	3.7	265.3	2.1	246.2	3.8	243.4	5.4	234.2	8.1
09:15	4.5	269.6	1.9	234.7	3.3	245.2	5.1	234.2	8.0
09:30	4.7	270.9	2.1	233.6	3.4	243.0	5.2	229.6	8.1
09:45	2.1	269.7	1.9	226.5	3.0	243.5	4.8	226.4	7.7
10:00	.3	316.3	1.2	236.6	2.5	250.9	4.3	235.0	6.6
10:15	.3	356.6	1.2	290.3	2.4	253.3	4.2	239.1	6.5
10:30	.4	296.6	1.6	286.9	3.2	260.7	4.3	240.4	6.8
10:45	.6	281.9	1.6	275.2	3.5	254.0	4.6	234.2	7.1
11:00	.4	289.0	1.5	273.5	3.1	248.9	4.3	231.3	6.2
11:15	.3	13.8	1.7	291.0	3.1	260.0	4.0	237.8	5.6
11:30	1.2	276.2	1.9	293.0	3.2	264.6	4.1	240.8	6.2
11:45	1.0	270.6	1.8	286.5	2.9	261.9	4.4	239.1	6.5
12:00	.6	275.8	1.5	278.7	3.0	252.4	4.8	233.9	6.6
12:15	1.5	271.9	1.3	278.4	3.1	247.6	4.7	229.5	6.5
12:30	.1	320.6	1.0	282.4	2.6	249.6	4.2	229.6	5.5

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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	229.4	5.4	222.2	11.8	210.9	15.8	208.2		
00:15	218.4	5.2	224.4	12.0	211.2	15.8	209.2		
00:30	209.1	5.6	225.6	12.2	210.6	16.5	208.7		
00:45	211.8	6.2	226.7	12.8	208.4	17.8	207.8		
01:00	213.7	6.8	225.1	13.2	205.7	18.7	208.0		
01:15	214.7	7.0	226.2	13.4	204.7	18.7	208.4		
01:30	221.8	7.0	225.8	13.4	207.1	18.8	209.8		
01:45	224.5	7.6	222.3	13.9	209.4	18.7	211.9		
02:00	225.3	8.6	221.9	15.4	209.6	19.3	213.5		
02:15	226.3	9.8	219.7	17.0	209.4	20.9	212.0	16.2	220.4
02:30	227.1	11.1	217.0	17.2	210.6	20.9	212.4	16.9	222.2
02:45	228.5	11.7	216.7	17.4	212.0	20.5	214.8	17.8	225.0
03:00	230.2	11.7	216.8	18.2	212.5	19.2	214.6	17.7	224.6
03:15	231.9	12.1	218.2	19.0	214.1	16.6	223.5	17.1	222.7
03:30	231.6	12.7	219.0	19.7	215.3	16.0	224.6	17.1	223.1
03:45	229.8	13.1	218.6	20.2	213.8	16.2	223.4	17.9	223.6
04:00	231.8	13.3	219.1	20.7	214.6	17.1	223.2	18.2	222.2
04:15	232.6	13.8	219.7	21.1	216.8	16.8	222.6	18.0	223.9
04:30	230.6	14.2	220.9	21.0	217.8	15.8	225.1	17.8	226.8
04:45	229.2	14.4	220.9	19.0	221.0	15.3	224.0	17.4	227.0
05:00	226.6	15.0	217.1	17.5	226.2	14.8	223.5	17.1	227.9
05:15	224.1	14.6	216.3	17.3	230.3	15.5	223.0	16.9	227.5
05:30	225.1	14.0	219.2	16.9	224.9	15.3	219.2	16.0	222.9
05:45	226.0	13.9	219.9	15.8	223.5	14.2	221.2	16.0	224.1
06:00	225.2	14.3	217.2	14.6	217.0	15.0	225.7	16.1	225.0
06:15	225.4	14.4	218.2	16.0	220.2	16.3	225.2	16.0	225.9
06:30	225.2	14.1	219.2	16.6	223.8	16.3	223.0	15.7	224.0
06:45	222.2	14.4	215.2	15.8	224.8	16.3	220.0	15.4	222.0
07:00	221.4	13.5	216.7	14.2	227.9	16.4	218.0	15.0	220.0
07:15	220.1	13.4	215.1	13.8	217.7	16.5	216.0	15.0	217.0
07:30	217.7	13.7	212.0	15.6	212.3	16.6	214.4	14.8	214.4
07:45	218.2	13.2	212.1	15.9	215.2	16.8	213.0	16.0	216.3
08:00	221.6	12.4	215.1	15.7	220.2	16.4	220.4	15.5	220.0
08:15	221.6	12.3	216.0	15.0	220.0	15.6	222.0	15.8	223.0
08:30	217.9	12.4	213.1	14.8	220.0	15.0	224.1	16.0	227.1
08:45	217.7	12.1	213.1	14.8	223.8	14.9	223.1	15.1	220.6
09:00	219.2	11.7	213.7	13.7	223.1	14.1	223.1	15.4	212.9
09:15	218.9	11.2	215.0	13.1	220.3	13.8	226.0		
09:30	217.3	11.7	216.0	13.5	221.7	13.7	225.0		
09:45	214.4	11.2	213.3	13.5	221.0	13.7	224.0		
10:00	217.0	10.1	214.0	13.5	221.0	13.4	223.0		
10:15	220.2	11.0	215.6	13.5	221.0	13.2	222.0		
10:30	220.8	10.0	219.1	13.5	221.0	13.0	222.0		
10:45	216.1	9.5	220.0	13.3	220.0	13.0	221.0		
11:00	214.0	9.0	215.8	13.3	220.0	12.5	220.0		
11:15	223.2	7.9	219.5	13.0	220.0	12.5	219.0		
11:30	225.7	8.4	224.4	12.8	220.0	12.0	219.0		
11:45	224.3	9.0	219.6	12.5	220.0	12.0	218.0		
12:00	223.5	8.7	216.7	12.3	220.0	11.5	218.0		
12:15	220.3	9.3	214.5	12.0	220.6	11.0	217.0		
12:30	217.7	8.2	210.8	12.0	218.4	10.6	216.4		

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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	18.2	223.5	20.1	227.4		
03:00	17.2	225.4	17.5	225.9		
03:15	17.0	225.9	17.6	228.9		
03:30	17.6	227.8	17.5	228.0		
03:45	18.5	231.1	17.4	226.5		
04:00	17.5	228.5	16.7	224.1		
04:15	16.5	225.9	16.4	224.7	16.9	221.1
04:30	16.2	227.1	17.2	229.4	17.2	224.0
04:45	16.0	226.0	16.0	228.0	16.7	223.0
05:00	15.2	224.7	15.7	226.6	16.1	222.8
05:15	14.9	225.5	15.3	223.9	16.8	227.3
05:30	15.4	220.9	15.6	219.4	15.1	222.8
05:45	16.6	226.5	15.3	217.1		
06:00	17.2	227.4	17.8	224.6		
06:15	17.9	222.1	18.4	226.8		
06:30	17.4	221.0	18.0	226.0		
06:45	17.0	220.0	17.8	225.0		
07:00	16.5	219.0	17.3	224.0		
07:15	16.0	218.0	17.0	223.0		
07:30	15.5	217.0	16.8	222.0		
07:45	15.0	217.0	16.5	221.0		
08:00	14.7	216.9	16.3	219.6		
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
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11:00						
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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						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	16.5	223.5	17.0	224.6	16.5	223.5
Max	18.5	231.1	20.1	229.4	17.2	227.3
Hr. of Max	15	15	11	18	18	21
Min	14.7	216.9	15.3	217.1	15.1	221.1
Count	22	22	22	22	6	6
Total						