

Daily Summary Report

Site: ORNL Sodar

5/17/2017

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	1.9	158.6	3.2	166.7	5.5	173.7	7.1	177.5	6.7
00:15	1.6	166.5	3.4	174.8	6.0	177.7	7.7	179.2	6.6
00:30	1.8	177.9	3.6	182.1	5.8	180.7	6.7	181.1	8.6
00:45			3.7	185.3	5.6	182.0	7.4	183.3	10.5
01:00			3.6	180.7	6.0	183.7	8.4	185.7	12.1
01:15			4.0	177.8	6.7	184.0	9.2	186.3	12.1
01:30			4.3	176.8	7.0	182.8	9.6	185.0	12.1
01:45			4.3	178.0	7.1	182.5	9.8	183.9	13.0
02:00			4.3	181.0	6.9	181.0	9.4	183.4	12.7
02:15			4.3	182.3	6.6	181.0	8.8	183.3	12.0
02:30			4.4	184.8	6.6	183.0	8.3	183.6	11.6
02:45			4.9	182.8	7.0	182.2	8.6	182.8	11.8
03:00			4.2	181.5	6.7	181.3	8.6	182.9	12.1
03:15			3.5	183.8	5.7	181.5	7.7	183.2	11.2
03:30			3.2	185.0	4.7	182.9	6.6	183.9	10.0
03:45			2.6	192.1	4.0	188.1	6.0	186.5	9.3
04:00					3.8	190.0	5.6	188.0	9.0
04:15					3.5	192.0	5.3	189.0	8.5
04:30					3.3	194.0	5.0	191.0	8.0
04:45					3.0	196.0	4.6	193.0	7.5
05:00					2.8	198.0	4.2	195.0	7.1
05:15					2.5	200.0	3.8	197.0	6.7
05:30					2.3	202.0	3.4	199.0	6.3
05:45					2.0	204.0	3.0	200.0	5.9
06:00					1.5	207.0	2.5	202.0	5.6
06:15	.2	25.0	.3	353.1	1.2	209.4	2.4	203.1	5.3
06:30	.2	50.2	.4	295.3	1.2	225.6	2.1	208.1	4.5
06:45	.1	91.6	.3	299.2	1.1	239.1	1.6	213.8	3.3
07:00	.1	189.7	.1	306.2	1.1	232.5	1.9	210.2	3.7
07:15	.1	163.2	.5	212.3	1.8	228.1	2.7	212.4	4.9
07:30	.1	303.3	.8	268.9	2.3	245.7	3.0	222.5	4.9
07:45	.2	50.6	1.1	297.0	2.3	256.5	2.9	229.7	4.2
08:00	.4	68.4	.5	284.2	2.0	247.5	2.9	226.7	4.0
08:15	.2	103.3	.4	223.0	2.1	231.1	3.4	218.8	4.4
08:30	.0	153.1	.7	244.7	2.6	230.5	3.6	221.4	4.6
08:45	.1	122.0	1.3	262.8	2.2	242.4	3.2	233.0	4.3
09:00	.1	109.8	1.5	268.5	1.5	243.7	2.4	231.8	3.9
09:15	.0	101.6	1.3	262.6	1.5	234.3	2.5	223.7	3.8
09:30	.3	213.9	1.3	247.2	1.8	233.5	2.8	222.6	3.8
09:45	.7	212.4	1.4	233.1	1.9	224.9	2.7	212.9	3.8
10:00	.8	234.9	1.2	233.0	1.7	231.0	2.2	213.0	3.7
10:15	.7	241.4	1.1	235.0	1.5	230.4	2.1	215.1	3.4
10:30	.8	235.0	1.3	219.8	1.7	204.0	2.2	198.0	2.5
10:45	1.2	221.8	1.5	214.2	1.9	202.9	2.0	197.3	2.2
11:00	1.5	210.5	2.0	221.0	2.5	217.2	2.4	220.1	2.7
11:15	1.5	229.9	2.8	225.6	3.3	220.6	3.1	221.5	3.5
11:30	1.3	243.2	3.7	221.4	3.6	211.2	3.5	212.4	3.8
11:45	1.0	235.8	3.4	211.7	3.3	200.9	3.4	203.8	3.8
12:00	.9	234.6	1.9	194.5	2.6	186.3	2.8	185.3	3.4
12:15	1.9	219.5	2.2	198.9	3.4	195.6	3.3	188.3	3.5

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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	183.2	8.1	184.7	9.9	176.0	8.3	179.5		
00:15	181.7	8.0	184.5	10.0	178.0	8.7	179.0		
00:30	182.8	9.2	183.6	10.1	179.0	9.0	179.0		
00:45	184.7	11.1	181.9	10.2	181.0	9.5	179.0		
01:00	184.3	13.7	180.7	10.4	183.1	10.0	178.0		
01:15	183.1	10.0	180.8	10.3	180.8	10.5	177.0		
01:30	182.3	10.2	181.1	10.5	174.1	11.0	176.3		
01:45	182.4	12.3	181.0	10.6	177.9	10.1	186.3		
02:00	183.0	13.0	181.0	9.7	185.2	10.1	187.0		
02:15	183.8	13.1	181.9	10.9	192.9	10.1	188.0		
02:30	185.0	13.1	184.2	10.2	191.1	10.0	189.0		
02:45	185.0	13.4	184.4	9.6	188.5	10.0	190.0		
03:00	183.8	13.9	183.3	9.9	183.5	10.0	191.0		
03:15	183.7	13.3	182.4	10.3	182.6	9.8	192.9		
03:30	184.7	12.2	183.0	10.8	183.0	11.4	190.4		
03:45	185.0	11.9	183.5	10.4	182.2	10.4	188.1		
04:00	186.0	11.5	184.0	10.6	183.0	10.4	188.0		
04:15	186.0	11.0	184.0	10.8	183.0	10.5	188.0		
04:30	187.0	10.7	184.0	10.9	183.0	10.6	188.0		
04:45	187.0	10.3	184.0	11.0	184.0	10.6	188.0		
05:00	188.0	10.0	185.0	11.2	184.0	10.7	188.0		
05:15	188.0	9.5	185.0	11.4	185.0	10.7	188.0		
05:30	189.0	9.0	185.0	11.5	185.0	10.8	187.0		
05:45	189.0	8.7	185.0	11.6	186.0	10.9	187.0		
06:00	190.0	8.3	185.0	11.8	186.0	10.9	187.0		
06:15	190.0	8.1	185.1	11.9	186.4	11.0	187.0		
06:30	195.0	7.3	187.8	11.1	186.1	12.0	186.0		
06:45	200.7	6.1	191.9	10.2	186.5	12.5	185.0		
07:00	199.5	6.5	190.8	10.8	183.4	13.1	184.9		
07:15	199.7	7.4	191.9	11.5	183.0	13.8	179.8		
07:30	203.0	6.7	196.1	10.4	185.3	10.6	176.5		
07:45	206.4	6.0	196.6	9.9	184.7	10.7	181.0		
08:00	206.3	5.9	195.7	9.9	185.4	12.0	178.9		
08:15	205.2	5.9	196.5	9.4	188.5	11.0	182.0		
08:30	207.5	6.1	198.0	9.6	190.4	11.5	187.0		
08:45	217.2	5.8	204.1	9.1	192.0	12.0	192.0		
09:00	215.8	5.6	204.0	8.6	194.3	12.3	197.1		
09:15	208.1	5.7	199.9	9.1	194.6	9.9	198.4		
09:30	204.6	5.6	199.4	8.9	192.6	10.1	200.4		
09:45	198.2	5.3	194.6	8.1	192.7	10.2	199.8	11.7	217.7
10:00	197.8	5.2	193.3	7.2	195.5	9.2	200.6	10.6	214.7
10:15	198.8	4.7	192.5	6.3	197.2	8.5	203.4	10.8	210.5
10:30	198.4	3.4	191.5	5.2	201.4	7.8	207.3	10.3	210.2
10:45	189.2	3.9	190.8	5.1	196.8	7.1	210.8	8.9	210.4
11:00	209.8	4.5	202.5	5.2	198.4	7.4	211.3	8.3	209.6
11:15	217.8	3.8	215.9	4.6	209.0	6.8	212.3	8.3	206.9
11:30	218.0	3.6	216.0	4.8	214.5	6.5	221.6	8.1	209.9
11:45	212.5	3.5	207.2	5.5	208.5	7.7	214.0	8.0	210.8
12:00	186.3	3.8	177.8	5.4	184.1	8.4	195.9	8.3	210.0
12:15	188.3	4.2	186.7	5.5	193.5	8.5	192.6	9.6	208.0

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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						
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08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15	10.7	223.2				
10:30	11.5	222.6				
10:45	11.5	217.7				
11:00	10.4	213.5	12.7	214.9		
11:15	10.1	211.9	12.0	215.6		
11:30	10.3	211.1	12.1	214.7	11.7	231.0
11:45	10.3	217.3	14.1	212.8	11.2	232.2
12:00	8.8	211.1	13.5	212.8		
12:15	8.1	203.4				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
13:30						
13:45						
14:00						
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22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	10.2	214.6	12.9	214.2	11.5	231.6
Max	11.5	223.2	14.1	215.6	11.7	232.2
Hr. of Max	43	41	47	45	46	47
Min	8.1	203.4	12.0	212.8	11.2	231.0
Count	9	9	5	5	2	2
Total						