

Daily Summary Report

Site: ORNL Sodar

5/24/2017

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	159.0	1.3	146.3	1.8	143.7	1.7	154.0	1.9
00:15	.1	238.2	.8	150.4	1.5	145.6	1.7	153.6	1.7
00:30	.4	182.8	.5	168.9	.9	160.4	1.2	160.0	1.4
00:45	.6	174.1	.6	198.1	1.0	189.2	1.1	190.7	1.4
01:00	1.1	171.6	1.5	181.9	2.0	191.4	2.2	191.8	2.2
01:15	1.5	173.6	2.0	188.2	2.7	196.3	3.2	196.5	3.2
01:30	1.4	178.3	1.8	202.4	2.8	202.5	3.4	203.6	3.5
01:45	.4	184.0	1.4	198.4	2.5	199.4	3.2	202.1	3.0
02:00	.4	166.7	1.4	190.5	2.6	195.1	3.5	191.6	3.2
02:15	1.7	168.7	1.8	186.5	3.1	188.0	4.3	184.8	4.5
02:30	2.3	169.0	2.5	180.3	3.7	183.7	5.0	184.4	6.2
02:45	3.5	175.3	2.9	185.4	4.2	186.8	6.0	185.6	7.4
03:00	2.9	175.5	2.3	193.0	3.8	191.1	5.7	186.6	7.5
03:15	2.0	175.9	2.1	202.8	3.6	200.3	5.1	192.2	7.1
03:30	2.9	181.5	2.7	208.4	4.1	207.3	5.5	201.2	7.7
03:45	2.8	184.0	2.5	210.3	4.0	209.9	5.3	207.3	7.8
04:00	1.3	181.1	1.8	206.8	3.2	209.1	4.5	209.2	6.9
04:15	1.0	170.7	1.5	198.8	2.9	208.2	4.3	207.8	6.7
04:30	1.2	199.7	1.1	197.7	2.3	212.7	3.6	211.7	6.0
04:45	1.1	210.8	.7	210.6	1.8	217.2	3.0	214.9	5.0
05:00	.9	214.2	.9	204.6	2.2	219.8	3.1	214.2	4.8
05:15	.6	227.0	1.2	196.4	2.4	217.5	3.4	214.2	4.8
05:30	.3	231.5	1.3	200.6	2.2	212.6	3.1	209.3	4.0
05:45	.1	258.8	1.2	192.2	1.9	206.8	2.3	199.0	2.8
06:00	.1	341.4	1.1	184.5	1.8	200.8	2.6	198.3	4.4
06:15	.2	1.0	1.0	184.4	2.0	203.9	3.1	202.8	5.1
06:30	.2	6.3	1.1	193.7	2.2	211.4	3.4	208.1	5.0
06:45	.5	2.2	1.7	200.0	2.7	210.3	3.7	209.6	5.0
07:00	.4	15.0	1.7	193.7	3.0	204.5	4.1	205.2	5.4
07:15	.8	169.9	1.4	191.9	2.7	198.7	3.8	198.7	5.3
07:30	2.1	180.9	2.0	204.1	2.8	201.7	3.9	205.0	5.4
07:45	2.3	182.2	2.2	204.5	3.2	200.6	4.3	201.6	5.4
08:00	1.1	177.2	1.3	183.8	2.8	189.9	3.8	187.4	4.5
08:15	.6	184.5	.8	156.7	1.8	184.9	2.6	186.8	3.4
08:30	.5	195.5	.3	196.3	.8	191.3	1.3	186.8	2.7
08:45	.1	154.2	.4	70.6	.4	146.8	.9	153.9	2.2
09:00	.2	37.5	.9	81.0	.7	105.0	.7	116.8	1.9
09:15	.1	19.5	.8	80.1	1.0	82.9	1.2	87.3	2.3
09:30	.1	175.7	.8	75.2	1.3	99.4	2.0	97.7	2.8
09:45	.2	133.7	.4	98.1	1.3	129.9	1.6	120.7	2.9
10:00	.2	185.4	.5	89.8	.8	139.0	1.9	122.9	2.5
10:15	.3	255.8	.9	79.4	.5	81.7	1.5	93.8	1.6
10:30	.2	277.1	1.0	81.3	.9	65.4	1.0	63.0	.9
10:45	.1	294.1	1.4	41.8	.8	344.2	.7	268.0	2.7
11:00	.8	266.2	.6	273.3	2.6	262.6	3.5	256.3	4.3
11:15	.8	273.0	.8	232.9	2.4	254.6	3.2	250.0	5.3
11:30	.4	298.0	.1	18.5	1.0	248.2	1.5	219.2	3.2
11:45	.2	283.5	.5	65.5	.7	218.7	1.0	204.1	.7
12:00	.3	151.4	.8	88.8	.6	182.4	1.1	187.3	.7
12:15	.5	117.3	.5	85.9	.7	178.7	1.0	177.3	1.7

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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	170.6	2.9	181.5						
00:15	167.6	2.4	182.8	9.3	182.5				
00:30	170.8	2.0	178.5	4.0	175.8				
00:45	183.8	2.2	181.3	2.8	179.0	4.8	199.3	7.5	190.1
01:00	193.4	2.9	189.7	3.3	196.1	4.3	209.4	8.3	192.0
01:15	198.3	3.9	195.8	4.8	198.5	6.1	208.4	9.0	194.0
01:30	203.1	3.8	201.5	6.0	191.1	10.0	195.9	10.0	196.0
01:45	204.1	3.9	194.2	10.3	185.7	12.9	205.2	10.5	198.0
02:00	193.1	4.3	187.9	11.2	186.1	12.0	200.0	11.0	200.0
02:15	186.6	4.3	189.9	7.8	188.7	11.0	195.0	11.5	203.0
02:30	184.6	5.7	187.2	8.1	185.5	10.5	189.0	12.0	206.0
02:45	183.8	6.9	186.6	7.1	186.7	10.1	183.5	12.5	209.0
03:00	182.8	7.9	185.2	6.9	188.9	9.0	188.4	12.9	212.0
03:15	188.9	8.6	187.9	8.9	190.1	9.7	195.2	13.3	215.0
03:30	199.4	8.6	196.7	11.8	195.2	10.8	200.3	13.6	218.5
03:45	205.3	8.9	202.3	11.3	197.3	11.8	204.4	13.9	216.0
04:00	207.6	8.8	203.2	11.6	205.0	13.2	211.4	13.9	218.0
04:15	207.9	8.6	204.1	11.1	199.2	12.3	203.0	13.9	220.0
04:30	209.1	7.9	205.2	11.1	190.3	11.2	190.0	14.0	221.0
04:45	206.7	6.9	206.7	11.4	200.1	11.3	196.3	14.0	222.0
05:00	206.7	6.8	208.0	10.1	205.6	12.7	212.9	14.1	223.3
05:15	208.7	6.8	211.4	10.1	203.5	11.8	208.9	13.3	215.4
05:30	200.1	5.7	206.9	10.8	197.6	11.3	204.7		
05:45	188.3	5.8	192.1	10.9	193.3	11.2	200.7		
06:00	199.0	6.7	194.2	11.1	196.0	11.2	196.7		
06:15	205.0	6.7	200.5	11.3	200.0	11.1	192.7		
06:30	207.7	7.5	205.3	11.5	205.0	11.1	188.7		
06:45	206.7	7.4	208.1	11.8	210.0	11.0	184.7		
07:00	203.9	7.3	202.8	11.9	214.4	11.0	180.7		
07:15	200.5	7.3	197.9	11.0	206.0	11.0	176.7		
07:30	203.2	7.0	197.8	10.0	198.0	10.9	172.7		
07:45	202.3	6.9	197.3	9.5	190.0	10.9	168.7		
08:00	190.5	6.1	188.5	8.8	181.6	10.9	164.7		
08:15	183.9	4.7	181.7	7.4	170.8	10.8	160.7		
08:30	180.8	4.1	171.0	7.1	160.3	10.8	157.8		
08:45	164.9	4.3	158.3	7.7	152.7	10.2	150.3		
09:00	132.8	3.9	147.4	7.5	148.5	10.1	144.6		
09:15	114.1	4.0	127.8	7.2	141.7	9.8	146.9		
09:30	105.1	4.5	119.6	7.0	134.4	10.1	147.2	14.6	141.6
09:45	104.8	4.9	125.5	6.9	133.5	10.1	147.8		
10:00	111.3	4.1	139.6	7.1	150.9				
10:15	79.4	1.7	147.1	6.6	153.6				
10:30	45.0	1.2	111.4	7.0	175.0				
10:45	294.3	3.5	180.0	7.5	200.0				
11:00	253.5	6.7	256.3	7.8	231.8				
11:15	245.0	6.8	241.0	9.3	224.0				
11:30	232.1	5.8	236.6	8.0	215.0				
11:45	227.1	3.3	232.2	6.0	205.0				
12:00	187.0	2.9	197.5	4.7	193.3				
12:15	174.9	4.3	181.7	5.6	192.9				

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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	11.3	244.0				
00:15	11.4	243.0				
00:30	11.6	242.0				
00:45	11.8	241.0				
01:00	11.9	240.0				
01:15	12.0	239.0				
01:30	12.1	238.0				
01:45	12.2	237.0				
02:00	12.2	236.0				
02:15	12.3	235.0				
02:30	12.4	234.0				
02:45	12.4	233.0				
03:00	12.5	232.0				
03:15	12.6	231.0				
03:30	13.6	221.5	14.0	214.7	13.4	214.9
03:45	13.5	219.0	13.8	214.1	14.0	218.4
04:00	13.4	219.0	13.8	214.2	13.9	218.5
04:15	13.4	219.0	13.8	214.3	13.9	218.7
04:30	13.4	219.0	13.8	214.4	13.8	218.9
04:45	13.4	219.0	13.8	214.5	13.8	219.2
05:00	13.4	219.0	13.8	214.6	13.7	219.4
05:15	13.3	219.0	13.8	214.7	13.7	219.7
05:30	13.3	219.0	13.8	214.8	13.6	219.9
05:45	13.3	219.0	13.8	214.9	13.6	220.2
06:00	13.3	219.0	13.8	215.0	13.5	220.4
06:15	13.3	219.0	13.8	215.1	13.5	220.7
06:30	13.2	219.0	13.8	215.2	13.4	220.9
06:45	13.2	219.0	13.8	215.3	13.4	221.2
07:00	13.2	219.0	13.8	215.4	13.3	221.4
07:15	13.2	219.0	13.8	215.5	13.3	221.7
07:30	13.2	218.0	13.8	215.6	13.2	221.9
07:45	13.1	218.0	13.8	215.7	13.2	222.2
08:00	13.1	218.0	13.8	215.8	13.1	222.4
08:15	13.1	218.0	13.8	215.9	13.1	222.7
08:30	13.1	218.0	13.8	216.0	13.0	222.9
08:45	13.0	218.0	13.8	216.1	13.0	223.1
09:00	13.0	218.0	13.8	216.2	12.9	223.2
09:15	13.0	218.0	13.8	216.3	12.9	223.4
09:30	12.9	218.0	13.8	216.4	12.8	223.5
09:45	12.9	218.0	13.8	216.5	12.8	223.7
10:00	12.9	218.0	13.8	216.6	12.7	223.8
10:15	12.8	218.0	13.8	216.7	12.7	224.0
10:30	12.8	218.0	13.8	216.8	12.6	224.1
10:45	12.8	218.0	13.8	216.9	12.6	224.3
11:00	12.8	218.0	13.8	217.0	12.5	224.4
11:15	12.7	218.0	13.8	217.1	12.5	224.6
11:30	12.7	217.0	13.8	217.2	12.4	224.7
11:45	12.7	217.0	13.8	217.3	12.4	224.9
12:00	12.6	217.0	13.8	217.4	12.3	225.0
12:15	12.6	217.0	13.8	217.5	12.3	225.2

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	12.6	217.0	13.8	217.6	12.2	225.3
12:45	12.6	217.0	13.8	217.7	12.2	225.5
13:00	12.5	217.0	13.8	217.8	12.1	225.6
13:15	12.5	217.0	13.8	217.9	12.1	225.8
13:30	12.5	217.0	13.8	218.0	12.0	225.9
13:45	12.3	216.1	13.8	218.1	12.0	226.1
14:00	13.3	213.2	13.8	218.2	11.9	226.2
14:15	15.1	209.5	13.8	218.3	11.9	226.4
14:30	11.9	220.4	13.8	223.2	11.2	228.4
14:45	12.4	226.1	12.4	221.2	13.2	221.6
15:00	12.9	220.3	11.4	222.6	15.6	213.7
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						
20:00						
20:15						
20:30						
20:45	13.6	300.8	14.3	309.2		
21:00	15.7	304.4	14.3	306.5		
21:15	15.8	308.3	14.5	310.0		
21:30	15.0	311.0	14.7	313.0		
21:45	14.0	314.0	15.0	316.0		
22:00	13.3	318.7	15.2	319.9	14.1	321.1
22:15	12.8	318.4	15.0	321.8		
22:30	12.8	316.4	14.8	319.0		
22:45	12.5	313.4	14.5	316.0		
23:00	12.3	310.4	14.3	313.0		
23:15	12.0	307.4	14.0	310.0		
23:30	11.8	304.4	13.8	307.0		
23:45	11.5	301.4	13.5	304.0		
Avg	12.9	237.9	13.9	237.4	13.0	224.6
Max	15.8	318.7	15.2	321.8	15.6	321.1
Hr. of Max	85	88	88	89	60	88
Min	11.3	209.5	11.4	214.1	11.2	213.7
Count	74	74	60	60	48	48
Total						