

Daily Summary Report

Site: ORNL Sodar

11/19/2018

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	.5	150.0	1.0	198.7	.6	196.2	.4	229.0	1.6
00:15	.6	69.3	1.0	186.8	.4	200.4	.2	224.3	1.2
00:30	.7	56.7	1.1	171.6	.4	190.7	.2	203.8	.8
00:45	.7	63.2	1.1	162.9	.8	186.2	.7	207.7	1.0
01:00	.7	35.3	1.3	173.3	1.4	186.2	1.3	197.6	1.0
01:15	.8	26.7	1.6	182.1	1.5	188.4	1.1	191.0	.5
01:30	.4	28.7	1.7	184.4	1.1	191.4	.2	200.4	.1
01:45	.1	32.3	2.0	183.8	1.1	192.4	.1	171.6	.1
02:00	.2	80.1	1.9	185.7	.8	201.0	.3	171.0	.1
02:15	.4	92.0	1.7	188.7	1.0	202.4	.4	192.3	.2
02:30	.4	57.8	1.7	187.0	1.2	200.4	.8	213.3	.7
02:45	.5	64.1	1.5	186.7	1.9	205.9	2.2	215.2	1.2
03:00	.6	80.6	1.2	192.6	2.3	213.4	3.1	221.3	1.4
03:15	.7	84.2	.6	189.2	1.8	216.8	2.7	222.7	2.0
03:30	.9	82.7	.2	145.0	1.4	203.4	2.0	218.5	2.6
03:45	.8	77.0	.2	141.8	1.3	192.4	1.9	214.6	1.8
04:00	1.0	69.4	.1	168.2	1.3	196.7	2.1	215.0	.7
04:15	1.1	70.3	.1	224.1	1.4	205.8	2.2	221.0	.7
04:30	.8	76.4	.3	233.4	1.5	208.8	2.2	224.5	.7
04:45	.9	77.6	.5	219.3	1.7	209.7	1.9	220.1	1.0
05:00	1.0	74.8	.8	196.9	1.8	212.3	1.5	212.9	2.2
05:15	.9	74.6	1.2	207.1	1.9	219.8	1.2	216.4	2.3
05:30	1.1	78.7	1.3	208.9	1.9	227.7	1.1	219.8	1.6
05:45	1.0	74.9	1.1	194.2	1.5	230.8	1.6	228.4	1.4
06:00	.9	67.7	1.1	186.8	1.1	220.0	2.1	226.2	1.1
06:15	.9	66.3	.9	176.8	1.1	212.6	2.4	224.1	2.0
06:30	.9	68.7	.7	163.5	1.4	217.4	2.8	222.0	2.6
06:45	1.0	68.9	.5	160.4	1.5	215.6	2.8	218.7	3.1
07:00	1.0	66.2	.4	179.9	1.3	214.9	2.5	222.9	3.0
07:15	.9	68.7	.4	206.1	1.0	210.0	2.0	234.5	2.3
07:30	.9	80.3	.5	208.3	1.0	196.0	2.0	232.0	2.8
07:45	.9	89.9	.6	190.8	1.0	188.3	1.9	224.0	3.2
08:00	.8	99.4	.7	186.0	1.1	193.3	1.9	223.4	3.3
08:15	.8	103.1	.9	204.3	1.3	202.5	2.4	221.4	3.1
08:30	.3	106.2	1.1	213.0	1.8	214.8	2.6	226.5	3.5
08:45	.0	12.5	1.0	212.9	2.0	227.1	3.0	238.4	4.8
09:00	.0	262.2	1.2	231.3	2.3	231.9	3.7	237.0	6.0
09:15	.5	111.7	1.4	226.7	2.5	223.5	3.9	227.3	6.1
09:30	.6	103.9	1.1	195.8	2.2	209.1	3.5	215.4	5.4
09:45	.4	92.8	.9	194.0	1.8	196.0	3.1	206.1	5.0
10:00	.2	45.4	.7	206.7	1.3	192.0	2.5	202.6	4.8
10:15	.1	60.4	.6	196.0	1.2	197.9	2.1	204.2	4.2
10:30	.1	275.2	.4	182.4	1.0	194.1	1.8	199.7	3.3
10:45	.4	238.2	.7	175.0	1.1	180.3	1.9	185.3	3.9
11:00	.5	223.4	1.1	198.5	1.2	192.4	2.1	186.9	4.0
11:15	.6	241.8	1.2	225.8	1.5	225.1	2.3	209.1	3.2
11:30	.6	235.8	1.3	216.3	1.7	230.3	2.5	217.4	3.0
11:45	.8	252.1	1.7	221.2	2.0	240.7	2.3	232.5	1.8
12:00	1.2	273.3	1.4	257.9	2.0	265.4	2.4	264.7	1.8
12:15	1.1	277.0	.8	263.4	1.9	258.6	2.4	263.3	2.0
12:30	.7	241.8	1.3	236.3	2.4	250.3	2.6	262.5	2.1

Daily Summary Report

Site: ORNL Sodar

11/19/2018

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	238.4	3.1	243.8	.3	312.8	.6	98.3	.5	12.7
00:15	233.0	1.8	236.4	.5	8.8	.3	111.0	.4	215.8
00:30	220.6	1.8	232.5	.1	59.0				
00:45	210.4	2.7	225.0	4.1	203.2				
01:00	194.8	2.6	205.7	5.6	204.3				
01:15	180.9	1.6	194.2	3.9	196.9				
01:30	185.3	.5	205.4	1.5	198.6	.4	307.2	.8	95.4
01:45	219.4	.3	184.6	1.1	186.6	.4	199.7	.8	70.0
02:00	122.0	.3	238.3	.4	202.7	.3	218.2	.7	46.4
02:15	176.3	.8	218.1	.1	281.9	.3	118.4	.5	35.0
02:30	212.0	2.0	211.1	.2	205.0	.2	345.0	.4	25.0
02:45	210.9	2.1	220.6	.1	264.5	.8	299.0	.3	10.7
03:00	211.8	1.6	235.6	.3	302.9	.9	289.6	.2	176.9
03:15	219.5	2.6	234.6	.6	312.7	.6	48.3	.4	100.0
03:30	217.0	4.1	220.8	2.5	215.0	1.0	73.5	.6	23.0
03:45	215.0	3.0	219.1	2.6	210.3	.6	60.0	.5	345.4
04:00	213.7	1.7	236.9	1.8	230.5	1.9	280.2	.8	348.0
04:15	213.5	2.8	231.9	4.7	226.6	1.4	272.9	1.0	352.0
04:30	219.2	3.6	222.9	8.0	220.3	2.0	260.0	1.1	356.5
04:45	203.1	4.0	207.5	6.8	215.3	3.5	245.0		
05:00	205.2	4.8	211.0	4.8	198.4	5.0	237.0		
05:15	212.8	3.4	225.7	1.7	212.7	6.0	227.0		
05:30	223.2	.9	244.1	1.5	214.0	7.6	218.3		
05:45	234.5	.6	262.4	3.9	203.8	8.5	217.0		
06:00	226.1	1.1	241.6	4.9	200.2	10.0	215.0		
06:15	212.6	2.2	220.6	7.4	208.2	11.2	214.4		
06:30	214.9	3.2	206.9	8.0	207.4	10.5	213.9		
06:45	215.4	3.5	206.2	8.8	206.8	10.7	214.0		
07:00	215.5	2.5	226.9	6.0	233.0	10.8	214.0		
07:15	219.8	2.9	226.9	5.0	245.0	11.0	214.0		
07:30	226.5	4.3	209.2	8.4	217.1	11.2	214.0		
07:45	226.0	5.0	207.6	8.0	213.0	11.4	214.0		
08:00	226.8	5.4	209.9	7.5	202.0	11.6	214.0		
08:15	234.8	5.5	210.8	9.0	209.0	11.8	214.1		
08:30	243.4	5.3	216.4	8.3	221.0	10.3	219.3		
08:45	240.2	6.2	227.3	9.6	217.1	11.4	221.3		
09:00	231.8	8.4	224.8	10.8	218.4	15.1	222.0		
09:15	225.9	8.1	214.4	11.8	216.0	14.8	220.7		
09:30	219.3	6.8	206.0	12.4	208.5	14.5	219.0		
09:45	211.4	7.0	206.2	11.8	205.9	14.0	218.0		
10:00	206.8	6.4	207.8	10.1	208.5	13.5	216.0		
10:15	205.8	5.8	206.0	9.7	207.8	13.0	214.0		
10:30	206.2	5.7	204.9	10.0	205.8	12.5	212.0		
10:45	194.6	6.0	199.6	9.8	203.4	12.1	210.3		
11:00	187.8	5.5	193.2	8.8	199.7	10.6	210.7		
11:15	199.5	4.7	199.9	8.3	203.5	9.8	214.2	13.7	216.3
11:30	214.5	4.9	207.3	8.8	206.9	10.0	217.9	12.8	215.4
11:45	267.1	4.0	219.0	9.3	205.1	10.1	217.7	11.4	213.5
12:00	265.6	3.5	222.0	9.6	206.0	10.4	217.9	11.5	213.7
12:15	261.0	3.0	225.0	9.8	207.0	10.6	218.1	11.8	213.9
12:30	257.1	2.5	228.0	10.1	207.6	10.9	218.3	12.0	214.1

Daily Summary Report

Site: ORNL Sodar

11/19/2018

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						
03:15						
03:30						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
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	16.1	222.1				
11:45	13.1	216.2				
12:00	13.0	217.0				
12:15	13.0	218.0				
12:30	13.3	218.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	13.3	219.0				
13:00	13.5	219.0				
13:15	13.5	220.0				
13:30	13.5	220.0				
13:45	13.8	221.0				
14:00	13.8	221.0				
14:15	14.0	222.0				
14:30	14.0	222.0				
14:45	14.3	223.0				
15:00	14.3	223.0				
15:15	14.5	224.0				
15:30	14.5	224.0				
15:45	14.8	224.0				
16:00	14.8	225.0				
16:15	15.0	225.0				
16:30	15.0	226.0				
16:45	15.3	226.0				
17:00	15.3	226.0				
17:15	15.5	227.0				
17:30	15.6	227.0				
17:45	15.8	224.9				
18:00	16.0	225.0				
18:15	16.0	225.0				
18:30	16.5	225.1				
18:45	16.6	224.3	14.3	224.1		
19:00	16.6	224.8	16.0	225.0		
19:15	15.5	222.9	17.1	226.4		
19:30	16.6	225.2	16.6	230.0		
19:45	15.0	229.0	16.0	233.0		
20:00	14.0	232.0	15.5	236.0		
20:15	13.5	235.0	15.0	239.0		
20:30	13.0	238.0	14.4	242.0		
20:45	12.5	241.0	14.0	245.0		
21:00	11.5	244.0	13.6	248.0		
21:15	11.0	247.0	13.2	250.0		
21:30	10.0	250.0	12.8	252.0		
21:45	9.5	252.0	12.4	255.0		
22:00	9.0	255.0	12.0	257.0		
22:15	8.5	257.0	11.6	259.0		
22:30	8.0	260.0	11.3	261.0		
22:45	7.5	262.0	11.0	263.0		
23:00	7.0	64.0	10.8	265.0		
23:15	6.9	266.1	10.5	267.0		
23:30	7.2	269.5	10.3	268.0		
23:45	7.8	271.1	10.0	270.0		
Avg	13.2	228.5	13.3	248.4		
Max	16.6	271.1	17.1	270.0		
Hr. of Max	78	95	77	95		
Min	6.9	64.0	10.0	224.1		
Count	50	50	21	21	0	0
Total						