

Daily Summary Report

Site: ORNL Sodar

1/23/2019

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	1.9	202.4	2.6	228.4	5.1	212.3	5.9	208.0	7.2
00:15	1.0	226.7	2.4	223.6	4.8	211.1	5.6	208.3	7.3
00:30	1.6	215.5	2.8	238.3	5.4	217.9	6.3	211.4	8.1
00:45	3.0	200.9	3.1	234.6	6.0	221.5	6.9	213.9	8.4
01:00	2.0	195.8	2.1	235.4	5.0	219.9	6.4	213.4	8.1
01:15	.6	268.0	1.1	245.8	3.7	225.7	5.3	215.5	7.3
01:30	.3	296.6	1.1	234.1	3.1	234.7	4.5	221.7	6.4
01:45	.4	272.1	1.2	230.1	2.9	233.7	4.4	223.2	6.1
02:00	.2	190.3	1.0	221.6	2.5	232.1	3.9	222.7	5.8
02:15	.3	139.9	.6	219.5	1.9	228.1	3.4	217.6	5.7
02:30	.4	135.0	.5	252.5	1.8	231.0	3.2	218.1	5.3
02:45	.3	117.9	.3	256.0	1.5	233.1	2.9	223.1	4.3
03:00	.3	82.0	.0	298.9	1.1	224.8	2.2	219.6	3.7
03:15	.3	42.4	.2	357.6	.7	212.9	1.5	211.1	3.3
03:30	.3	68.2	.1	54.1	.5	194.1	1.5	190.6	3.3
03:45	.3	122.6	.2	10.1	.7	197.6	1.8	190.1	3.6
04:00	.2	199.2	.2	313.2	.7	230.1	1.5	212.9	3.0
04:15	.4	265.3	.3	271.3	.8	259.4	1.5	236.5	2.6
04:30	.7	274.4	1.0	269.1	2.1	260.3	2.7	250.4	3.7
04:45	.5	264.5	1.2	270.7	2.4	262.2	3.1	252.8	4.4
05:00	.3	237.5	.6	272.7	1.2	250.3	2.3	239.3	4.1
05:15	.4	240.1	.6	275.8	1.1	246.3	2.2	236.0	4.0
05:30	.5	236.3	.8	277.5	1.4	265.6	2.3	250.8	4.0
05:45	.7	240.7	1.2	270.6	2.4	264.9	3.1	254.1	4.8
06:00	1.0	246.2	1.8	260.7	2.7	257.5	4.1	247.1	6.2
06:15	.8	246.4	1.4	262.6	2.5	250.1	4.0	243.1	6.5
06:30	.9	252.7	1.5	273.6	2.8	259.7	4.0	250.7	6.0
06:45	1.0	266.3	1.5	271.1	3.0	267.4	4.1	255.3	5.7
07:00	1.9	267.3	1.9	275.2	3.8	271.6	4.5	259.0	5.9
07:15	2.7	265.7	2.3	275.8	4.5	269.1	5.3	257.7	5.8
07:30	1.4	266.3	2.2	259.5	3.7	254.3	4.8	245.2	6.5
07:45	.7	257.5	2.0	254.7	2.9	243.1	4.3	234.0	7.4
08:00	.5	248.6	1.5	271.4	2.5	249.7	3.9	237.4	6.4
08:15	.9	247.6	1.9	255.4	2.9	249.4	3.9	239.4	6.1
08:30	.8	265.4	1.9	235.0	2.5	235.5	3.7	230.8	6.7
08:45	.8	267.9	1.5	236.1	2.3	236.0	3.7	236.5	6.5
09:00	1.5	250.6	1.5	235.0	3.0	236.6	4.2	233.9	7.2
09:15	2.0	238.3	2.8	221.1	3.8	233.3	5.0	221.5	8.2
09:30	2.0	235.7	2.6	223.7	4.1	238.8	5.4	229.3	8.1
09:45	1.5	202.7	2.5	220.4	4.0	242.7	5.3	234.5	8.1
10:00	2.3	230.4	3.4	231.8	4.4	236.7	5.6	230.0	8.6
10:15	2.9	222.2	3.5	232.4	5.0	233.3	6.3	226.9	9.7
10:30	3.0	212.7	4.2	220.0	5.4	230.7	6.8	220.1	10.7
10:45	3.0	230.0	3.7	229.8	5.2	232.2	6.8	218.9	10.1
11:00	1.7	223.2	3.4	220.3	4.2	232.5	5.5	219.5	8.7
11:15	1.8	203.3	3.6	208.8	3.8	226.2	4.8	213.6	8.1
11:30	2.0	192.0	3.4	229.2	4.1	228.7	5.1	212.3	7.9
11:45	2.5	191.0	3.5	225.3	4.2	221.1	5.9	205.4	8.6
12:00	4.0	191.9	3.5	213.4	4.6	206.5	6.9	198.5	10.3
12:15	6.2	187.4	4.0	200.4	5.6	196.9	8.0	195.4	11.3
12:30	7.5	191.3	6.3	201.8	7.8	202.4	9.0	200.7	11.8

Daily Summary Report

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1/23/2019

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	201.4	9.3	200.3	11.5	198.9	14.0	192.1	17.0	186.8
00:15	202.8	9.7	201.0	12.6	199.4	14.3	190.9	16.3	183.3
00:30	203.5	9.9	200.1	12.6	196.4	14.6	186.5	16.8	176.8
00:45	204.0	9.6	200.6	12.5	194.1	14.3	183.6	18.3	176.4
01:00	204.2	9.4	200.2	12.4	194.1	13.7	184.4	17.8	176.5
01:15	205.0	9.3	199.5	12.1	194.7	13.6	186.2	16.6	177.1
01:30	207.3	8.6	200.3	11.8	194.6	13.6	186.8	16.0	177.9
01:45	208.8	8.2	199.9	11.7	194.2	13.8	187.0	15.8	178.3
02:00	207.8	8.3	198.4	11.8	193.7	13.7	186.5	15.3	179.1
02:15	200.8	8.0	196.7	11.7	192.5	13.7	185.3	15.7	178.5
02:30	199.2	7.6	197.9	11.3	192.8	13.4	186.6	16.8	179.0
02:45	203.0	6.9	199.8	11.0	195.0	13.5	186.5	17.0	180.3
03:00	200.0	6.2	198.6	11.1	195.0	12.8	186.8	16.5	180.3
03:15	194.5	5.9	194.7	10.9	194.3	12.0	187.6	16.1	180.1
03:30	188.3	6.2	190.7	10.6	192.1	12.4	187.7	15.8	180.9
03:45	190.1	6.4	192.2	10.5	193.3	12.4	192.9	14.9	185.1
04:00	195.6	5.5	199.3	10.0	197.1	12.7	194.3	14.3	190.8
04:15	213.1	5.1	208.6	9.6	199.3	12.7	195.8	13.9	195.6
04:30	230.4	6.1	217.7	10.4	202.1	13.2	200.8	13.5	198.5
04:45	229.1	6.5	217.7	10.8	202.6	13.5	200.9	13.7	197.6
05:00	219.8	6.5	210.5	11.2	200.9	13.2	199.5	13.9	186.2
05:15	220.6	7.1	212.9	12.3	200.4	13.9	199.9	15.0	195.0
05:30	232.1	7.4	221.6	12.3	203.9	16.9	197.9	16.0	202.2
05:45	237.7	7.7	223.4	12.6	206.1	17.3	198.8	17.0	201.0
06:00	233.2	8.8	217.4	13.6	204.6	16.4	202.8	17.0	200.0
06:15	226.9	9.9	212.0	14.7	201.3	17.3	198.8	18.0	199.0
06:30	229.3	9.6	215.3	14.7	200.9	17.3	198.9	19.0	198.0
06:45	230.7	8.9	214.0	14.3	199.3	18.8	200.1	20.0	197.0
07:00	233.4	8.0	213.4	13.2	198.5	18.1	197.6	21.0	196.0
07:15	235.8	7.8	215.8	12.9	198.6	16.0	199.9	22.0	195.0
07:30	223.3	9.6	206.9	13.9	195.0	17.8	197.8	22.7	193.2
07:45	214.1	11.1	200.4	15.0	192.5	18.8	195.4	21.6	190.8
08:00	215.0	10.3	201.2	15.4	192.0	19.0	194.0	22.0	189.0
08:15	215.3	9.8	200.8	15.7	192.3	19.5	193.0	22.0	187.0
08:30	209.3	10.6	194.6	16.5	191.0	20.0	192.0	22.0	186.0
08:45	216.2	10.4	197.4	16.2	190.7	20.8	190.3	22.0	185.0
09:00	216.9	11.1	199.5	16.7	191.7	20.2	185.1	2.0	184.0
09:15	205.3	12.0	195.0	17.4	189.8	20.5	187.6	22.4	182.7
09:30	208.5	11.7	197.5	16.7	190.7	19.6	191.1	19.4	189.3
09:45	213.7	11.9	200.6	16.3	191.9	18.0	190.8	18.2	191.5
10:00	213.0	12.7	199.4	16.9	192.2	18.7	191.2	19.0	190.0
10:15	208.4	13.7	196.4	17.5	191.3	20.9	190.6	21.0	190.0
10:30	200.7	14.2	192.7	17.6	189.1	20.0	190.1	21.3	189.6
10:45	199.3	13.2	191.4	16.7	188.4	17.9	185.8	21.0	195.0
11:00	197.8	11.8	189.5	15.6	186.5	17.3	182.3	20.0	203.0
11:15	193.6	11.2	188.6	14.5	183.3	14.6	179.0	19.0	210.0
11:30	195.8	10.1	190.8	12.9	187.4	14.4	181.3	18.0	215.0
11:45	195.6	10.3	191.0	12.6	192.5	13.8	190.7	18.0	220.0
12:00	192.5	12.1	192.1	15.3	194.1	14.5	205.0	18.0	224.0
12:15	191.2	13.0	193.7	16.1	200.0	15.7	221.0	17.3	228.6
12:30	192.8	12.8	196.4	14.9	204.2	14.2	214.3	14.1	225.4

Daily Summary Report

Site: ORNL Sodar

1/23/2019

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	20.1	180.4				
00:15	19.2	178.8	21.1	179.6		
00:30	18.6	177.1	22.1	178.1	22.0	179.9
00:45	20.5	178.0	21.9	180.4	23.0	179.0
01:00	21.0	176.0	21.5	180.0	23.3	178.6
01:15	21.5	174.5	21.3	178.8	23.2	178.6
01:30	20.0	174.6	20.6	179.5	23.9	180.0
01:45	19.9	174.1	22.2	179.3	23.5	182.0
02:00	19.3	175.7	23.3	179.4	23.5	184.1
02:15	19.4	178.0	23.0	180.0	25.6	182.1
02:30	21.1	179.5	23.0	181.0	26.2	182.7
02:45	22.1	179.8			26.1	183.5
03:00	22.1	178.8			25.8	183.8
03:15	20.6	176.4			25.7	184.6
03:30	20.3	174.9			25.5	185.4
03:45	21.0	177.0			25.2	186.2
04:00	21.0	177.0			25.0	187.0
04:15	21.0	177.0			24.7	187.8
04:30	21.0	177.0			24.5	188.6
04:45	21.0	177.0			24.2	189.4
05:00	21.0	177.0			24.0	190.2
05:15	21.0	177.0			23.7	191.0
05:30	21.0	177.0			23.5	191.8
05:45	21.0	177.0			23.2	192.6
06:00	21.0	177.0			23.0	193.4
06:15	21.0	177.0			22.7	194.2
06:30	21.0	177.0			22.5	195.0
06:45	21.0	177.0			22.2	195.8
07:00	21.0	177.0			22.0	196.6
07:15	21.0	177.0			21.7	197.4
07:30	21.0	177.0			21.6	198.2
07:45	21.0	177.0			21.5	199.0
08:00	21.0	177.0			21.4	199.8
08:15	21.0	177.0			21.3	200.6
08:30	21.0	177.0			21.2	201.4
08:45	21.0	177.0			21.1	202.2
09:00	21.0	177.0			21.0	203.0
09:15	21.9	180.8			20.9	203.8
09:30	21.0	185.0			20.8	204.6
09:45	21.0	190.0			20.7	205.4
10:00	21.0	195.0			20.6	206.2
10:15	21.0	198.0			20.5	207.0
10:30	21.0	201.0			20.4	207.8
10:45	20.0	204.0			20.3	208.6
11:00	20.0	207.0			20.2	209.4
11:15	19.0	210.0			20.1	210.2
11:30	19.0	213.0			20.0	211.0
11:45	18.0	217.0			19.9	211.8
12:00	18.0	221.0			19.8	212.6
12:15	17.4	225.4	17.5	223.3	17.3	221.7
12:30	17.0	222.0	17.0	223.0	17.0	223.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	16.0	218.0	17.0	222.0	17.0	224.0
13:00	15.5	215.2	17.0	221.0	17.0	225.0
13:15	15.7	218.0	17.0	220.0	17.0	226.0
13:30	15.8	220.4	16.5	219.4	16.6	227.1
13:45	15.6	223.5	16.5	220.0	16.6	227.0
14:00	16.0	224.0	16.5	221.0	16.8	226.0
14:15	16.0	224.0	16.5	222.0	16.8	226.0
14:30	16.0	225.0	16.5	222.0	16.8	225.0
14:45	16.0	225.0	16.5	223.0	16.8	225.0
15:00	16.5	226.0	16.5	223.0	16.8	224.0
15:15	17.0	226.0	16.5	224.0	17.0	224.0
15:30	17.5	227.0	16.5	224.0	17.0	224.0
15:45	18.0	227.0	16.5	225.0	17.0	224.0
16:00	18.2	227.2	16.7	225.1	17.3	224.4
16:15	18.3	225.7	16.8	223.0	17.6	225.0
16:30	17.1	222.4	16.3	222.0	18.0	225.0
16:45	16.5	215.4	16.0	220.0	18.0	226.0
17:00	16.2	215.4	15.9	218.5	18.5	226.6
17:15	15.9	221.1	15.3	216.8	16.8	224.2
17:30	15.6	220.0	15.4	223.0		
17:45	15.0	220.0	15.3	223.0		
18:00	15.0	220.0	15.3	223.0		
18:15	15.0	220.0	15.3	223.0		
18:30	14.0	220.0	15.3	222.0		
18:45	14.0	220.0	15.3	222.0		
19:00	14.0	220.0	15.3	222.0		
19:15	14.0	220.0	15.3	222.0		
19:30	14.0	220.0	15.3	222.0		
19:45	14.0	220.0	15.3	222.0		
20:00	13.5	220.0	15.3	222.0		
20:15	13.5	220.0	15.3	222.0		
20:30	13.5	220.0	15.3	222.0		
20:45	13.5	220.0	15.3	222.0		
21:00	13.2	219.5	15.3	222.2		
21:15	13.0	222.5	15.1	225.0		
21:30	13.0	225.5	15.0	227.5		
21:45	13.0	228.5	14.9	230.0		
22:00	13.0	231.5	14.8	232.5		
22:15	12.5	234.5	14.7	235.0		
22:30	12.5	237.5	14.5	237.5		
22:45	12.5	240.5	14.4	240.0		
23:00	12.5	243.5	14.3	242.5		
23:15	12.5	246.5	14.2	245.0		
23:30	12.5	249.5	14.1	247.5		
23:45	12.5	252.5	13.9	250.0		
Avg	17.8	203.7	16.8	217.6	20.9	203.9
Max	22.1	252.5	23.3	250.0	26.2	227.1
Hr. of Max	12	95	08	95	10	54
Min	12.5	174.1	13.9	178.1	16.6	178.6
Count	96	96	57	57	68	68
Total						