

Daily Summary Report

Site: ORNL Sodar

2/19/2018

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	.9	265.4	1.6	229.0	3.6	224.4	5.7	219.6	7.9
00:15	1.1	271.3	2.2	251.7	3.7	240.6	5.3	233.2	7.3
00:30	1.1	273.7	2.3	254.5	3.7	242.9	5.3	235.5	7.5
00:45	.8	277.1	2.0	255.4	3.4	244.4	4.9	234.4	6.9
01:00	1.2	279.4	1.8	258.1	3.0	248.5	4.0	235.4	6.0
01:15	1.0	282.3	1.3	263.0	2.6	253.3	3.3	239.0	5.1
01:30	.8	288.5	.7	271.2	2.2	252.6	3.0	238.8	4.6
01:45	.8	340.2	.4	259.3	1.4	251.1	2.3	239.4	4.1
02:00	1.1	345.8	.3	245.4	1.0	274.5	1.5	256.1	3.0
02:15	.9	331.3	.4	279.2	1.0	277.7	1.3	262.7	2.7
02:30	.5	318.6	.3	298.0	.8	279.8	.8	265.2	2.6
02:45	.4	328.6	.2	358.6	.8	301.1	.7	287.1	2.1
03:00	.6	337.9	.3	9.4	.8	309.2	.9	277.3	1.8
03:15	.8	342.8	.2	15.8	.3	304.4	.6	258.5	1.9
03:30	.7	341.7	.1	1.5	.1	270.7	.2	263.7	1.5
03:45	.7	346.3	.2	96.1	.1	203.2	.1	151.7	1.3
04:00	.8	347.6	.1	71.5	.4	199.0	.6	145.7	2.0
04:15	.9	337.3	.1	346.6	.3	207.5	.9	141.5	2.0
04:30	.9	331.3	.1	350.4	.2	37.2	.8	121.1	1.7
04:45	.7	341.9	.3	341.7	.5	14.6	.7	86.5	1.1
05:00	.7	2.1	.3	356.3	.7	1.1	.5	46.1	.8
05:15	.8	19.6	.4	13.2	.8	356.7	.6	13.8	.7
05:30	.7	30.5	.6	20.1	.6	6.3	.6	21.4	.5
05:45	.7	26.0	.6	35.5	.4	32.6	.4	24.8	.3
06:00	.7	33.2	.7	62.5	.6	54.7	.3	35.4	.6
06:15	.7	28.9	1.1	75.4	1.1	70.7	.5	72.2	1.0
06:30	.8	23.4	1.1	84.9	1.2	82.0	.6	83.7	1.1
06:45	.9	26.5	1.1	93.1	1.1	92.5	.7	110.5	1.5
07:00	.6	26.5	1.0	89.3	1.0	91.6	.7	139.8	2.2
07:15	.4	18.0	.8	91.1	.9	76.2	.8	116.1	1.6
07:30	.6	13.9	.8	90.7	1.0	81.7	1.3	95.3	.6
07:45	.5	37.3	1.0	97.0	1.3	95.6	1.4	90.1	.8
08:00	.5	32.6	.9	104.4	1.4	102.0	1.2	94.5	1.2
08:15	.6	21.2	.7	97.9	1.3	100.5	1.0	111.3	1.9
08:30	.5	22.1	.8	79.3	.9	96.7	.6	130.1	1.5
08:45	.4	4.1	1.1	71.9	.9	80.6	.6	115.0	1.4
09:00	.4	100.0	1.5	83.9	1.2	72.2	.7	110.4	1.8
09:15	.6	67.8	1.3	89.6	1.0	74.2	.6	128.2	1.6
09:30	.2	92.8	.7	81.2	.8	78.6	.5	142.7	1.3
09:45	.3	86.5	.6	68.2	.5	74.6	.4	174.5	1.5
10:00	.2	105.4	.4	82.8	.5	51.8	.4	210.6	1.9
10:15	.4	122.7	.3	80.0	.3	38.9	.3	202.8	1.5
10:30	.8	112.4	.4	95.9	.4	187.5	1.2	210.7	2.5
10:45	.6	119.2	.4	119.3	.9	202.6	1.9	216.4	3.6
11:00	.2	178.5	.4	145.6	.8	204.5	1.7	213.7	3.4
11:15	.2	187.0	.4	188.1	.9	228.8	1.8	225.1	3.2
11:30	.2	125.2	.7	219.9	1.4	221.4	2.1	221.1	3.5
11:45	.4	236.6	1.8	253.9	1.7	230.1	2.2	222.6	3.6
12:00	.9	242.9	2.5	250.6	2.0	234.7	2.5	228.0	3.4
12:15	.5	243.1	2.0	234.7	1.8	221.4	2.6	217.9	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	211.3	9.5	209.3	11.9	201.9	15.0	200.0	12.8	205.4
00:15	220.1	9.1	214.7	12.1	206.4	15.1	198.4	13.1	204.8
00:30	222.0	9.2	216.9	11.9	206.6	15.3	197.9	13.4	204.2
00:45	220.9	8.5	212.7	11.2	203.9	15.2	195.2	13.7	203.6
01:00	220.5	7.7	208.6	10.2	202.5	14.2	193.0	14.0	203.0
01:15	221.6	6.7	208.2	9.1	201.9	13.5	193.8	14.3	202.4
01:30	220.4	6.5	208.4	9.3	200.7	13.3	195.2	14.6	201.8
01:45	220.0	6.2	209.4	9.8	200.1	13.4	195.6	14.9	201.2
02:00	229.4	5.2	212.4	9.2	200.1	11.8	198.3	15.2	200.6
02:15	230.0	5.1	208.4	9.1	200.2	12.0	196.4	15.5	200.0
02:30	223.5	5.0	207.3	9.1	201.4	11.9	196.0	15.8	199.4
02:45	230.5	4.2	212.1	8.2	204.4	11.5	198.7	16.1	198.8
03:00	230.3	3.9	209.7	8.1	201.7	12.4	197.2	16.4	198.2
03:15	215.6	4.5	204.3	8.6	198.2	12.8	194.5	16.7	197.6
03:30	213.5	4.1	201.2	8.0	197.0	11.9	192.9	17.0	197.0
03:45	186.7	3.4	190.2	7.6	193.6	11.8	192.4	18.7	191.6
04:00	174.1	3.8	182.4	7.7	193.8	12.2	192.1	17.0	193.0
04:15	171.8	4.0	183.0	7.5	194.4	12.1	192.4	16.0	195.0
04:30	166.5	3.6	180.4	6.9	193.3	11.2	193.1	15.0	196.0
04:45	152.0	2.5	178.5	6.2	195.2	9.9	194.1	14.0	197.0
05:00	135.3	1.6	181.5	5.8	198.9	8.9	198.1	13.0	198.0
05:15	115.6	1.2	186.7	5.2	202.5	8.6	201.8	12.0	199.0
05:30	95.3	.7	194.3	4.6	196.1	8.3	200.1	11.0	201.0
05:45	110.2	1.1	199.7	4.7	201.1	8.1	198.4	10.7	202.5
06:00	194.8	2.4	199.5	5.6	210.2	8.6	201.2	10.7	198.9
06:15	197.0	2.7	201.3	6.6	206.3	9.4	205.6	9.9	206.8
06:30	211.5	2.8	205.4	6.9	202.1	9.7	202.4	12.8	208.1
06:45	209.4	3.1	199.5	7.1	201.6	9.6	189.2	13.0	201.3
07:00	193.1	3.6	200.1	7.2	204.7	9.7	199.7	12.0	200.0
07:15	193.5	3.3	205.6	7.0	210.5	8.0	197.0	11.0	199.0
07:30	146.2	2.7	201.0	5.7	210.7	6.4	195.4	10.5	199.0
07:45	132.4	2.4	187.7	5.3	201.8	7.3	195.8	10.3	198.5
08:00	167.6	3.0	188.4	6.0	205.6	8.8	200.8	10.8	196.6
08:15	185.6	3.9	194.7	6.8	205.0	9.0	200.7	12.3	193.8
08:30	191.4	3.8	200.0	6.2	205.9	8.4	201.2	11.9	194.2
08:45	194.5	3.5	203.3	6.2	208.2	8.3	203.0	11.6	198.2
09:00	192.4	3.3	206.8	6.3	209.4	8.9	203.8	11.5	201.1
09:15	205.4	3.2	214.7	6.5	213.3	8.9	205.9	10.6	205.8
09:30	224.2	3.0	224.4	6.3	217.3	8.9	205.8	10.7	203.3
09:45	232.0	3.4	225.5	6.4	214.8	9.6	204.8	11.2	200.7
10:00	237.2	3.9	226.0	7.2	210.6	10.6	206.8	13.0	204.0
10:15	234.4	4.1	227.2	7.9	213.0	10.6	209.5	12.4	207.0
10:30	223.2	5.6	220.4	9.5	211.5	11.1	208.9	11.0	207.0
10:45	221.1	6.3	214.0	10.3	204.5	12.5	205.8	10.3	208.6
11:00	220.8	5.3	207.3	10.1	201.2	12.1	202.5	11.0	208.0
11:15	228.2	4.9	210.6	8.9	201.9	11.4	200.2	11.4	207.6
11:30	213.7	5.3	205.7	8.8	197.1	11.7	198.9	14.3	210.3
11:45	209.6	5.2	202.2	8.8	195.6	12.1	199.2	14.9	210.5
12:00	216.9	4.9	205.2	8.6	198.8	11.4	200.3	13.3	208.6
12:15	208.0	5.1	202.9	8.2	200.5	9.8	203.9	13.2	205.9

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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						
00:15						
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11:30						
11:45						
12:00						
12:15	15.2	209.9				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	15.0	211.0	15.1	225.1		
12:45	14.0	218.5	14.9	221.4		
13:00	14.3	213.3				
13:15	14.4	211.7				
13:30	15.2	211.1				
13:45	16.0	211.0				
14:00	16.0	210.0				
14:15	17.1	208.8				
14:30						
14:45						
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23:00						
23:15						
23:30						
23:45						
Avg	15.2	211.7	15.0	223.3		
Max	17.1	218.5	15.1	225.1		
Hr. of Max	57	51	50	50		
Min	14.0	208.8	14.9	221.4		
Count	9	9	2	2	0	0
Total						