

Daily Summary Report

Site: ORNL Sodar

2/12/2018

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	17.3	1.1	260.2	1.4	291.2	3.0	301.9	5.6
00:15	.3	36.2	.7	252.0	1.0	299.2	2.2	313.1	4.6
00:30	.2	39.9	.8	250.8	.8	310.8	2.1	325.9	3.8
00:45	.3	64.3	.8	251.9	.7	309.3	1.9	314.4	2.9
01:00	.3	54.4	.7	255.6	.7	286.7	2.2	295.8	2.5
01:15	.2	349.1	.8	277.6	1.3	286.4	2.8	292.1	2.6
01:30	.2	317.9	.7	284.8	1.3	292.4	2.7	295.2	3.0
01:45	.1	345.6	.4	272.0	.8	301.4	2.5	306.4	3.0
02:00	.1	87.2	.4	256.7	.7	305.9	2.5	310.4	3.0
02:15	.1	61.4	.3	264.3	1.4	314.5	2.7	322.2	2.5
02:30	.2	275.7	.1	279.3	1.3	310.8	2.7	321.5	2.7
02:45	.3	290.5	.2	201.7	.5	299.4	1.9	303.4	3.3
03:00	.3	303.8	.2	210.6	.4	292.7	1.2	309.0	3.3
03:15	.2	308.8	.3	264.6	1.1	307.3	2.5	316.1	4.4
03:30	.1	11.3	.5	270.1	2.3	312.1	4.3	313.6	5.4
03:45	.2	60.0	.4	270.7	2.1	309.4	4.2	314.6	5.0
04:00	.2	76.4	.2	225.8	1.3	304.1	2.6	307.4	3.4
04:15	.1	91.6	.4	237.5	1.3	288.1	2.7	288.4	3.3
04:30	.2	65.1	1.3	274.4	3.5	286.6	5.4	294.6	6.2
04:45	.2	354.4	1.6	287.0	4.5	292.0	5.9	302.6	5.0
05:00	.0	296.9	.7	264.8	2.4	289.7	3.7	297.6	4.0
05:15	.4	181.1	.4	212.6	1.0	312.5	1.7	312.0	4.0
05:30	.4	193.4	2.4	185.9	.5	269.2	1.6	316.0	3.5
05:45	.2	199.7	.3	222.5	.3	221.5	1.5	219.0	3.3
06:00	.1	206.9	.3	224.4	.5	317.4	1.4	322.0	3.0
06:15	.3	203.0	.5	207.6	.6	289.3	1.3	325.1	2.8
06:30	.2	197.2	.2	230.4	.3	199.1	.6	282.5	2.1
06:45	.1	124.2	.2	284.1	.3	109.7	.5	310.8	1.7
07:00	.3	139.9	.3	222.9	.3	18.5	.7	342.3	.8
07:15	.3	170.8	.2	232.8	.3	13.5	.5	3.3	.5
07:30	.4	163.3	.2	1.9	.3	53.9	.5	30.2	.5
07:45	.5	147.4	.1	112.5	.5	76.9	.5	37.3	.5
08:00	.3	157.6	.3	172.1	.4	63.9	.3	29.9	.4
08:15	.3	157.0	.2	132.3	.2	76.2	.4	127.4	.4
08:30	.4	190.5	.1	25.1	.5	115.0	.9	107.0	.7
08:45	.5	221.9	.1	295.1	.4	127.3	.6	102.7	1.0
09:00	.4	239.9	.0	325.7	.2	92.1	.3	118.6	1.3
09:15	.4	252.5	.1	68.4	.5	69.4	.5	97.9	.8
09:30	.4	243.8	.1	101.4	.4	82.5	.5	91.1	.6
09:45	.4	234.4	.1	11.7	.3	101.1	.2	101.1	1.1
10:00	.4	215.0	.1	164.2	.3	108.4	.3	86.5	1.0
10:15	.4	206.6	.2	202.9	.3	110.5	.4	90.1	1.0
10:30	.4	215.1	.1	289.7	.4	102.4	.4	86.0	1.7
10:45	.2	203.9	.2	11.2	.7	70.6	.7	84.5	3.1
11:00	.3	175.7	.6	53.3	1.2	79.8	1.0	90.2	1.2
11:15	.3	165.5	.7	62.6	1.1	72.1	.7	78.2	2.0
11:30	.1	199.1	.6	46.0	1.0	40.5	1.0	34.2	3.0
11:45	.1	223.2	1.0	54.3	1.4	49.3	1.8	41.9	4.0
12:00	.3	105.6	1.7	57.5	2.2	54.3	2.1	55.8	5.0
12:15	.3	88.9	1.4	46.2	2.1	49.9	1.8	62.2	6.0

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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	307.6	6.0	308.2	4.4	288.0	4.9	253.2	5.9	230.6
00:15	317.2	4.4	317.6	3.7	285.7	4.9	254.4	5.4	230.6
00:30	339.4	3.0	339.8	2.7	300.7	4.1	257.1	5.3	228.0
00:45	341.5	2.4	5.4	2.1	323.7	3.5	251.2	5.4	236.5
01:00	324.1	2.0	26.6	1.1	356.4	2.9	242.6	5.6	221.7
01:15	307.8	1.4	356.7	1.9	55.0	1.1	237.2	4.8	218.3
01:30	302.8	1.6	329.4	2.2	57.8	1.2	81.5	3.4	222.2
01:45	312.7	1.5	339.7	1.4	43.2	1.9	81.2	1.9	209.4
02:00	327.7	1.9	349.7	1.5	15.4	1.2	81.2	.4	159.3
02:15	342.0	1.9	357.5	2.2	360.0	.7	11.3	1.0	200.0
02:30	334.7	2.0	354.9	2.0	355.6	1.3	342.8	1.5	240.0
02:45	321.2	2.5	346.6	1.9	2.2	1.5	336.7	2.0	280.0
03:00	322.2	3.3	334.7	2.7	1.7	2.3	354.5		
03:15	320.5	4.8	330.1	4.1	344.4				
03:30	324.4	4.9	335.2						
03:45	327.3	4.6	340.2						
04:00	318.4	3.8	330.2						
04:15	309.4	4.5	321.6						
04:30	315.2	5.6	329.2						
04:45	319.0	6.0	335.0						
05:00	323.8	6.5	339.0						
05:15	328.0	7.0	343.0						
05:30	333.0	7.5	348.0						
05:45	338.0	8.0	354.0						
06:00	343.0	8.5	358.0						
06:15	348.1	8.9	1.0	16.1	38.7	18.1	41.9	16.8	41.0
06:30	349.5					18.0	41.5	16.6	40.9
06:45	347.7					17.5	41.1	16.4	40.7
07:00	348.7					17.0	40.7	16.2	40.6
07:15	32.2					16.7	40.3	16.0	40.4
07:30	48.9					16.5	39.9	15.8	40.3
07:45	101.6					16.3	39.5	15.6	40.1
08:00	99.0					16.0	39.1	15.4	40.0
08:15	97.8					15.8	38.7	15.2	39.8
08:30	80.0					15.5	38.3	15.0	39.7
08:45	60.0					15.3	37.9	14.8	39.5
09:00	34.8	.9	64.6			15.0	37.5	14.6	39.4
09:15	45.5	1.1	64.2			14.8	37.1	14.4	39.2
09:30	77.6	1.2	82.8			14.5	36.7	14.2	39.1
09:45	71.9	1.6	62.9			14.3	36.3	14.0	38.9
10:00	61.9	1.8	50.6	2.6	61.1	14.0	35.9	13.8	38.8
10:15	46.6	2.7	35.0	3.0	58.0	13.8	35.5	13.6	38.6
10:30	38.9	4.4	24.7	4.0	55.0	13.5	35.1	13.4	38.5
10:45	25.0	5.0	21.8	5.0	52.0	13.3	34.7	13.2	38.3
11:00	40.5	5.0	21.0	5.5	50.0	13.0	34.3	13.0	38.2
11:15	36.0	5.5	21.0	6.0	47.0	12.8	33.9	12.8	38.0
11:30	32.0	6.0	21.0	6.5	45.0	12.5	33.5	12.6	37.9
11:45	28.0	6.5	21.0	7.0	42.0	12.3	33.1	12.4	37.7
12:00	24.0	7.0	20.0	7.5	40.0	12.3	32.7	12.2	37.6
12:15	20.0	7.5	20.0	8.0	37.0	12.0	32.3	12.0	37.4

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2/12/2018

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	4.8	244.2				
00:45	5.0	240.0				
01:00	5.2	236.0				
01:15	5.4	231.7				
01:30	5.5	214.7				
01:45	4.5	217.0				
02:00	4.0	219.0				
02:15	4.6	221.4				
02:30	4.4	231.1	5.8	224.7		
02:45	4.0	256.4				
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	17.8	42.5	17.7	43.7	16.6	42.7
06:30	17.7	42.2	17.6	44.0	16.6	43.0
06:45	17.5	41.9	17.4	44.0	16.6	43.0
07:00	17.4	41.6	17.3	44.0	16.5	43.0
07:15	17.2	41.3	17.1	44.0	16.5	43.0
07:30	17.1	41.0	17.0	44.0	16.4	43.0
07:45	16.9	40.7	16.8	44.0	16.4	43.0
08:00	16.8	40.4	16.7	44.0	16.4	43.0
08:15	16.6	40.1	16.5	44.0	16.3	43.0
08:30	16.5	39.8	16.4	44.0	16.3	43.0
08:45	16.3	39.5	16.2	44.0	16.3	43.0
09:00	16.2	39.2	16.1	44.0	16.2	43.0
09:15	16.0	38.9	15.9	44.0	16.2	43.0
09:30	15.9	38.6	15.8	44.0	16.1	43.0
09:45	15.7	38.3	15.6	44.0	16.1	43.0
10:00	15.6	38.0	15.5	44.0	16.1	43.0
10:15	15.4	37.7	15.3	44.0	16.0	43.0
10:30	15.3	37.4	15.2	44.0	16.0	43.0
10:45	15.1	37.1	15.0	44.0	15.9	43.0
11:00	15.0	36.8	14.9	44.0	15.9	43.0
11:15	14.8	36.5	14.7	44.0	15.8	43.0
11:30	14.7	36.2	14.6	44.0	15.8	43.0
11:45	14.5	35.9	14.4	44.0	15.8	43.0
12:00	14.4	35.6	14.3	44.0	15.7	43.0
12:15	14.2	35.3	14.1	44.0	15.7	43.0

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	14.1	35.0	14.0	44.0	15.7	43.0
12:45	13.9	34.7	13.8	44.0	15.6	43.0
13:00	13.2	36.2	14.1	44.5	15.6	43.0
13:15	13.3	37.0	14.1	45.0	15.5	43.0
13:30	13.5	37.0	14.0	45.0	15.5	43.0
13:45	13.8	38.0	14.0	45.0	15.4	43.0
14:00	14.0	39.0	13.9	45.0	15.4	43.0
14:15	14.3	40.0	13.8	45.0	15.4	43.0
14:30	14.5	40.0	13.8	46.0	15.3	43.0
14:45	14.8	41.0	13.8	46.0	15.3	43.0
15:00	15.0	41.6	13.7	46.1	15.1	43.7
15:15	15.9	43.2	14.3	42.5	15.3	43.5
15:30	15.7	45.2				
15:45	15.5	47.2				
16:00	15.3	49.2				
16:15	15.1	51.2				
16:30	14.9	53.2				
16:45	14.7	55.2				
17:00	14.5	57.2				
17:15	14.3	59.2				
17:30	14.1	61.2				
17:45	13.9	63.2				
18:00	13.7	65.2				
18:15	13.5	67.2				
18:30	13.3	69.2				
18:45	13.1	71.2				
19:00	12.9	73.2				
19:15	12.7	75.2				
19:30	12.5	77.2				
19:45	12.3	79.2				
20:00	12.1	81.2				
20:15	11.9	83.2				
20:30	11.7	84.7				
20:45	11.5	86.2				
21:00	11.3	87.7				
21:15	11.1	89.2				
21:30	10.9	90.7				
21:45	10.7	92.2				
22:00	10.5	93.7				
22:15	10.3	95.2				
22:30	9.5	90.4	5.8	109.6		
22:45	9.4	92.1	5.6	110.4	3.9	109.1
23:00	9.6	98.0	6.2	118.3	4.6	137.7
23:15	8.9	99.3	6.6	124.6	5.0	155.0
23:30	7.3	99.0	5.3	127.3	5.7	146.3
23:45	6.9	97.4	5.8	141.5	5.9	172.5
Avg	12.8	78.1	13.8	59.0	14.6	55.1
Max	17.8	256.4	17.7	224.7	16.6	172.5
Hr. of Max	25	11	25	10	27	95
Min	4.0	34.7	5.3	42.5	3.9	42.7
Count	81	81	44	44	42	42
Total						