

## Daily Summary Report

Site: ORNL Sodar

10/20/2019

Interval: 015m

	03_WS060m	04_WD060m	05_WS100m	06_WD100m	07_WS140m	08_WD140m	09_WS180m	10_WD180m	11_WS240m
Time	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG	M/SEC
00:00	2.8	68.0	3.4	51.0	4.8	51.0	6.2	51.0	7.7
00:15	2.0	66.8	3.5	44.7	5.1	49.4	6.6	50.7	8.0
00:30	2.1	75.1	3.7	55.7	5.3	55.5	6.8	52.9	8.3
00:45	3.0	78.0	4.1	62.1	5.7	58.9	6.9	55.9	8.3
01:00	4.5	80.5	4.0	64.0	6.1	62.6	7.3	60.3	8.7
01:15	6.0	83.9	3.8	65.6	6.0	64.6	7.6	60.7	8.6
01:30	2.8	85.7	3.0	64.9	5.2	64.3	6.9	58.6	7.6
01:45	2.2	74.5	2.9	65.1	4.9	60.5	6.4	55.2	7.3
02:00	2.0	78.0	3.2	63.5	4.9	58.0	6.2	53.3	7.3
02:15	1.9	81.4	2.6	61.0	4.2	60.8	5.3	55.7	6.4
02:30	3.1	89.6	2.4	60.4	3.8	64.6	4.8	59.6	5.6
02:45	2.9	89.7	2.3	62.7	3.8	67.1	4.8	62.3	5.6
03:00	2.7	82.3	1.9	66.8	3.1	65.0	4.3	61.2	5.2
03:15	2.8	77.9	2.0	63.3	3.0	56.0	4.0	55.7	4.9
03:30	3.2	79.5	2.3	62.6	3.4	58.6	4.3	54.3	5.3
03:45	3.3	79.5	2.3	63.6	3.3	64.0	4.3	58.4	5.1
04:00	3.0	82.8	2.0	62.0	3.0	64.1	4.0	59.1	4.4
04:15	.9	82.6	1.7	61.3	2.6	62.7	3.6	54.0	4.4
04:30	.0	309.1	1.5	53.8	2.5	54.5	3.4	48.5	4.0
04:45	.1	111.8	1.3	44.5	2.3	45.5	2.9	46.9	3.3
05:00	.1	16.7	1.3	27.9	2.0	32.1	2.5	37.8	2.9
05:15	.4	304.4	1.5	16.7	2.1	17.3	2.8	21.9	3.0
05:30	.3	299.8	1.2	20.5	2.0	18.4	2.7	20.5	2.4
05:45	.1	296.5	1.0	37.9	1.5	37.2	2.1	34.1	1.9
06:00	.2	299.3	.8	53.3	1.2	51.7	1.6	41.8	1.5
06:15	.1	299.3	.7	50.9	.8	49.9	1.0	35.8	.5
06:30	.2	291.2	.6	46.8	.8	44.3	.6	37.5	.9
06:45	.3	294.9	.5	34.8	.6	21.6	.5	14.0	.8
07:00	.2	298.8	.4	33.0	.3	350.7	.2	353.0	.4
07:15	.2	315.2	.3	76.3	.1	38.3	.1	62.2	.2
07:30	.3	319.8	.2	110.1	.2	95.8	.3	51.7	.3
07:45	.3	311.4	.4	111.2	.3	122.4	.3	123.9	.3
08:00	.3	297.6	.5	120.8	.3	144.8	.2	162.7	.3
08:15	.2	304.9	.3	134.9	.2	150.1	.2	172.7	.3
08:30	.1	27.0	.3	125.9	.3	131.6	.3	149.5	.3
08:45	.2	68.6	.2	143.1	.3	128.8	.1	112.7	.2
09:00	.2	91.4	.3	188.0	.3	149.6	.2	154.6	.3
09:15	.3	128.2	.6	195.1	.5	191.2	.3	185.8	.2
09:30	.4	124.6	.8	188.5	.7	195.6	.2	186.0	.3
09:45	.5	114.3	.9	188.2	.8	186.0	.5	166.0	.3
10:00	.7	121.3	.8	194.2	.9	189.8	1.0	183.2	.8
10:15	.5	130.6	.5	180.9	.8	191.7	1.1	180.0	.9
10:30	.5	138.5	.3	160.9	.6	180.8	1.0	168.3	.7
10:45	.6	152.0	.3	143.1	.5	187.4	.9	182.8	.5
11:00	.4	158.5	.3	133.1	.4	207.8	.8	189.6	.5
11:15	.4	150.9	.4	173.0	.6	208.9	.7	194.3	.5
11:30	.4	165.6	.2	165.2	.6	211.7	.8	202.2	.4
11:45	.4	214.9	.2	177.9	.5	227.0	1.0	207.2	.7
12:00	.4	207.6	.2	246.6	.8	248.3	1.0	237.6	1.1
12:15	.4	160.3	.2	196.5	.7	254.6	.7	247.2	.9
12:30	.4	161.1	.7	187.0	.8	216.0	.7	209.8	.7



## Daily Summary Report

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10/20/2019

Interval: 015m

	12_WD240m	13_WS300m	14_WD300m	15_WS400m	16_WD400m	17_WS500m	18_WD500m	19_WS600m	20_WD600m
Time	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00	55.0	8.8	56.0	9.5	64.0	7.8	71.0	5.9	59.0
00:15	52.4	8.7	55.7	9.6	63.5	7.0	70.5	5.5	54.4
00:30	53.4	9.4	55.9	9.1	65.5	5.7	69.5	5.2	45.0
00:45	55.8	9.4	58.4	8.4	65.5	5.0	67.9	5.2	42.0
01:00	60.3	9.0	63.2	7.8	71.8	5.1	63.1	5.4	38.6
01:15	63.7	8.8	67.1	8.3	72.9	5.4	61.6	5.3	37.9
01:30	63.0	8.4	66.8	8.5	72.1	6.0	67.9	5.7	39.9
01:45	56.2	8.3	61.9	8.6	69.5	6.6	70.8	6.1	41.1
02:00	53.6	8.0	56.6	8.8	65.9	7.4	71.4	6.6	53.5
02:15	56.9	6.9	53.7	8.3	62.6	7.4	70.9	6.6	57.2
02:30	61.4	6.4	58.1	7.9	60.3	7.0	67.3	6.1	52.7
02:45	62.7	7.0	61.8	7.8	65.0	6.9	70.3	5.2	49.3
03:00	64.1	6.3	64.2	7.3	67.5	6.3	70.7	4.3	53.1
03:15	61.5	5.6	63.1	6.6	63.6	5.7	63.8	4.1	48.0
03:30	59.2	6.1	56.7	6.2	62.4	5.0	63.5	4.1	43.6
03:45	62.0	5.5	61.9	6.7	64.6	4.7	61.6	4.0	42.8
04:00	59.8	4.9	66.5	6.3	61.7	4.6	48.5	3.9	28.4
04:15	52.5	4.7	56.8	5.2	55.4	3.6	45.7	3.5	17.1
04:30	50.5	3.8	55.1	4.5	50.9	4.0	35.8	3.7	5.6
04:45	52.3	3.1	58.1	4.4	47.2	4.8	27.2	4.1	3.0
05:00	41.9	2.9	39.9	4.9	38.8	4.5	23.7	4.5	3.9
05:15	29.4	2.9	30.0	4.2	31.3	4.4	12.3	4.8	351.8
05:30	33.1	2.3	41.5	3.7	25.1	4.0	355.0	5.1	331.9
05:45	61.2	2.8	62.0	3.7	22.0	3.6	343.5	5.9	322.9
06:00	70.1	2.6	52.3	3.5	20.2	3.5	334.4	7.7	316.2
06:15	39.2	1.9	15.8	3.0	354.1	3.5	321.3	6.6	313.4
06:30	19.2	1.6	355.7	3.1	341.0	4.5	319.4	6.1	316.4
06:45	24.2	1.0	342.5	2.9	330.6	4.6	315.5	7.1	321.8
07:00	38.6	.8	338.5	2.9	315.7	4.4	313.8	6.9	318.5
07:15	73.5	.7	331.2	3.0	311.4	4.3	315.9	6.9	321.7
07:30	79.0	.5	319.5	2.6	306.4	3.9	317.7	7.1	329.5
07:45	105.1	.2	336.0	1.6	304.3	3.3	316.0	6.8	328.8
08:00	151.0	.1	224.0	1.2	295.4	3.1	314.2	5.6	330.3
08:15	166.2	.3	222.4	1.2	283.2	3.1	319.0	5.4	331.1
08:30	172.4	.2	182.7	.6	280.8	2.6	311.4	4.9	324.1
08:45	172.1	.2	193.3	.5	318.2	2.9	303.8	5.0	321.3
09:00	164.0	.0	176.2	.8	297.6	3.8	303.4	6.0	321.2
09:15	179.7	.1	279.2	.9	268.2	3.3	298.6	6.2	322.0
09:30	155.4	.3	261.5	1.8	258.6	2.0	282.0	6.3	323.0
09:45	191.9	.5	243.9	2.4	262.8	2.7	281.0	6.6	325.0
10:00	209.6	1.0	230.4	2.5	260.7	3.6	288.6	6.9	326.0
10:15	191.5	.8	230.8	2.4	275.1	4.1	310.4	7.2	327.0
10:30	190.5	.3	302.7	2.6	286.2	4.7	315.6	7.4	328.4
10:45	216.2	.3	233.1	2.3	286.2	4.2	303.5		
11:00	216.7	.7	238.3	2.8	300.2	3.7	312.9		
11:15	201.0	.7	260.7	3.5	308.4	4.1	338.2		
11:30	211.6	.4	263.0	3.1	322.6	6.2	346.0		
11:45	230.9	.7	281.3	2.8	331.2	8.3	356.1		
12:00	255.4	1.1	280.6	1.9	327.8				
12:15	252.9	.7	250.0	1.1	323.3				
12:30	213.9	.5	212.2	1.2	328.0				



## Daily Summary Report

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Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
00:00	5.9	38.0		
00:15	5.9	31.2		
00:30	5.1	22.6		
00:45	4.5	20.3		
01:00	4.7	23.6		
01:15	5.3	30.2		
01:30	5.2	37.1		
01:45	5.5	42.3		
02:00	7.0	48.0		
02:15	8.2	53.0		
02:30	9.6	57.5		
02:45	7.6	52.3		
03:00	6.0	43.6		
03:15	5.8	43.5		
03:30	5.7	41.0		
03:45	5.6	40.0		
04:00	5.5	15.0		
04:15	5.4	355.0		
04:30	5.2	324.5		
04:45	5.2	323.5		
05:00	4.9	333.9	8.5	309.8
05:15	5.4	328.4	7.9	308.1
05:30	7.1	319.3	10.4	297.6
05:45	8.4	315.2		
06:00	8.5	312.0		
06:15	8.5	308.0		
06:30	8.6	304.9		
06:45	8.8	303.3		
07:00	9.4	304.0		
07:15	8.8	311.7		
07:30	8.4	316.5		
07:45	7.9	318.2		
08:00	8.1	319.4		
08:15	8.7	312.8		
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				
11:45				
12:00				
12:15				
12:30				

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45				
13:00				
13:15				
13:30				
13:45				
14:00				
14:15				
14:30				
14:45				
15:00				
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22:00				
22:15				
22:30				
22:45				
23:00				
23:15				
23:30				
23:45				
<b>Avg</b>	6.8	358.0	8.9	305.0
<b>Max</b>	9.6	355.0	10.4	309.8
<b>Max Time</b>	02:30	04:15	05:30	05:00
<b>Min</b>	4.5	15.0	7.9	297.6
<b>Count</b>	34	34	3	3
<b>Total</b>				