

Daily Summary Report

Site: ORNL Sodar

11/13/2019

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	3.0	4.0	21.0	6.0	25.0	7.0	27.0	8.3
00:15	2.8	4.2	4.3	18.7	6.2	24.2	7.3	25.2	8.4
00:30	2.4	11.8	4.0	28.6	5.6	28.0	6.8	28.2	8.2
00:45	2.3	19.3	4.2	32.5	5.0	32.0	6.3	34.6	7.7
01:00	2.5	33.3	3.8	30.9	5.1	35.2	6.4	38.2	7.5
01:15	2.2	50.0	3.5	41.3	5.1	42.6	6.0	43.5	7.2
01:30	1.2	39.3	3.4	47.1	4.5	46.6	5.3	45.0	6.7
01:45	1.8	33.0	3.0	39.5	4.1	42.0	5.2	40.1	6.4
02:00	2.1	26.6	3.0	32.6	4.2	38.9	5.1	41.0	6.5
02:15	1.9	38.5	3.0	42.8	4.3	44.3	5.4	45.3	6.8
02:30	2.1	41.6	3.2	47.3	4.6	46.3	5.7	45.3	7.2
02:45	2.4	41.3	3.3	45.0	4.6	44.7	5.6	44.0	7.3
03:00	2.0	39.6	3.1	46.9	4.3	46.7	5.6	45.6	7.3
03:15	2.4	51.6	3.2	49.3	4.5	45.6	5.7	44.3	7.4
03:30	2.6	59.4	2.9	52.7	4.5	45.4	5.9	42.6	7.5
03:45	2.8	62.6	3.2	58.5	4.5	47.4	6.0	44.6	7.9
04:00	3.0	64.0	3.4	54.2	4.5	46.3	5.9	44.6	8.0
04:15	3.2	65.4	3.1	46.8	4.5	43.9	6.0	42.9	7.9
04:30	2.9	70.3	3.8	48.4	5.0	43.6	6.3	43.6	8.4
04:45			4.0	43.4	5.2	47.2	6.6	45.4	8.6
05:00			3.9	44.2	5.2	48.9	6.5	45.3	8.4
05:15			4.1	47.8	5.6	48.8	6.9	46.6	8.8
05:30			4.3	45.9	6.0	50.1	7.3	48.9	8.9
05:45			4.3	45.5	5.9	49.7	7.1	48.5	8.8
06:00			4.2	50.0	5.9	47.9	7.2	48.0	9.1
06:15			4.2	54.0	6.1	49.7	7.2	48.5	9.0
06:30			4.6	58.6	5.7	55.9	6.7	52.2	8.8
06:45			4.3	59.5	5.1	55.6	6.2	52.5	8.1
07:00			3.6	56.7	5.0	52.0	6.3	49.0	7.7
07:15			3.4	52.7	5.2	53.2	6.3	50.9	7.8
07:30			3.8	59.2	5.2	53.5	6.2	51.9	7.9
07:45	3.1	74.7	4.2	62.7	5.1	54.2	6.4	53.0	7.9
08:00	3.0	75.0	3.6	61.0	5.2	58.0	6.4	57.0	7.8
08:15	3.0	76.0	3.1	60.5	5.2	61.4	6.4	58.0	7.6
08:30	3.0	76.0	2.8	65.5	5.1	65.4	6.4	60.8	7.2
08:45	2.9	77.0	2.8	65.1	4.8	60.2	5.7	61.0	6.9
09:00	2.9	78.4	2.9	67.4	4.6	58.2	4.9	63.5	5.9
09:15	4.5	74.0	3.0	65.4	4.2	59.2	4.4	61.0	4.5
09:30	5.8	71.5	4.2	58.8	4.5	60.1	4.9	61.8	5.4
09:45	2.6	59.9	4.5	62.4	4.9	67.9	5.2	69.8	6.1
10:00	1.6	34.9	3.8	69.5	4.2	71.5	4.2	76.9	5.0
10:15	1.5	16.7	3.1	66.7	3.6	74.8	3.8	79.6	4.0
10:30	1.2	38.7	3.0	65.8	3.4	76.8	3.3	78.9	3.3
10:45	1.3	54.2	3.2	65.4	3.0	68.5	2.5	70.0	2.7
11:00	2.4	55.8	2.6	69.4	2.8	62.8	2.5	67.1	2.6
11:15	2.4	64.2	2.1	71.3	2.5	71.2	2.6	78.6	3.1
11:30	.6	120.5	1.6	119.7	1.7	127.2	1.7	124.2	1.6
11:45	1.2	143.4	1.8	132.4	1.8	128.5	1.8	134.5	1.3
12:00	1.6	153.9	1.8	147.3	1.9	135.5	1.9	136.2	1.7
12:15	1.2	179.2	1.8	163.7	1.7	153.4	1.7	155.0	1.7
12:30	1.0	207.9	1.0	183.6	1.1	180.2	1.4	182.5	1.2

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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	27.0	9.6	29.0	11.0	33.0	11.0	44.0	11.9	44.0
00:15	25.7	9.7	28.4	11.2	33.4	11.9	46.4	11.8	45.0
00:30	28.6	9.4	30.9	11.6	36.1	12.1	40.9	11.6	47.0
00:45	35.1	8.7	35.8	11.2	40.2	12.4	40.4	11.4	49.0
01:00	40.3	8.6	40.8	10.7	41.0	13.4	35.8	11.2	50.0
01:15	46.7	8.5	42.6	10.4	43.4	13.1	40.7	11.0	51.0
01:30	47.9	8.0	44.3	10.3	43.0	12.0	41.0	10.8	52.0
01:45	44.5	8.1	44.7	9.8	41.8	12.5	42.0	10.5	53.0
02:00	44.0	8.4	42.6	10.3	41.9	13.0	43.9	10.3	54.1
02:15	44.6	8.8	42.0	10.6	43.9	10.5	51.5	10.1	59.2
02:30	43.3	9.1	43.4	10.5	47.5	10.3	54.2	11.0	57.9
02:45	43.5	9.0	44.1	11.3	49.5	10.3	57.7	11.0	63.5
03:00	45.8	9.0	46.0	11.3	52.5	10.7	60.4	10.4	70.2
03:15	46.1	9.1	47.2	10.9	53.3	11.2	61.1	11.6	68.0
03:30	44.8	9.3	46.7	10.7	52.7	10.8	63.3	12.5	62.8
03:45	44.0	9.5	46.9	10.6	54.4	10.6	64.2	11.1	66.9
04:00	42.4	9.5	45.6	10.6	54.0	11.3	60.6	11.3	64.0
04:15	41.1	9.6	45.0	11.1	52.3	11.6	59.0	11.5	62.0
04:30	42.1	9.9	46.2	11.6	53.0	11.9	56.2	11.7	58.0
04:45	43.4	10.1	46.8	11.9	54.0	13.0	51.0	11.8	55.0
05:00	44.2	10.4	47.6	12.1	55.1	12.9	54.5	11.9	53.0
05:15	45.0	10.7	48.1	12.5	56.3	12.8	54.0	12.1	49.0
05:30	46.4	10.7	50.1	12.9	57.3	12.7	53.0	12.2	46.7
05:45	48.0	10.7	51.0	12.4	56.5	12.6	52.0	12.0	48.0
06:00	47.6	10.7	49.1	12.0	55.5	12.5	51.0	11.7	50.0
06:15	47.8	10.7	49.5	12.3	56.4	12.4	49.3	11.4	53.0
06:30	49.9	10.4	53.2	13.3	59.5	11.0	50.6	11.0	55.0
06:45	51.4	9.8	55.4	12.6	58.1	12.0	51.0	10.7	58.0
07:00	52.0	9.7	55.1	11.1	60.2	13.1	51.4	10.3	60.0
07:15	52.1	9.6	54.7	10.9	62.0	12.2	59.4	10.0	62.0
07:30	53.0	9.3	56.1	10.2	62.7	12.1	65.1	9.7	64.0
07:45	52.6	9.6	57.5	9.5	63.3	11.9	67.0	9.5	66.0
08:00	55.0	9.2	60.0	9.4	67.0	11.7	69.0	9.2	67.0
08:15	58.3	8.7	62.6	9.3	70.6	11.5	71.0	8.8	69.0
08:30	62.4	7.8	66.7	8.9	72.3	11.3	73.1	8.5	70.0
08:45	65.1	7.3	68.4	9.0	70.1	9.6	73.5	8.5	73.7
09:00	68.5	6.6	70.4	7.7	66.7	8.2	73.9	8.3	76.6
09:15	65.9	5.0	66.0	5.9	64.9	6.9	73.2	7.5	75.9
09:30	67.9	5.7	59.9	7.4	55.2	7.2	70.9	7.3	73.5
09:45	71.6	6.6	66.1	7.9	58.4	7.6	65.3	7.7	69.7
10:00	81.9	5.4	75.4	5.8	71.9	6.6	66.1	7.1	75.5
10:15	82.9	3.7	82.9	4.6	87.9	5.1	82.4	6.7	83.4
10:30	76.3	2.7	81.9	4.1	82.7	4.2	85.2	6.7	91.2
10:45	73.6	2.4	79.6	4.2	83.7	4.2	91.8	6.8	101.5
11:00	84.7	2.7	90.2	3.9	93.7	4.4	113.8	6.2	112.0
11:15	91.0	3.2	93.1	3.5	90.3	3.9	132.3	5.5	126.1
11:30	114.4	1.7	127.7	2.3	124.5	3.6	142.8	5.1	137.0
11:45	131.7	1.4	147.8	1.9	142.6	2.9	127.2	3.9	134.1
12:00	132.7	1.7	126.8	1.8	125.6	2.7	105.3	2.4	140.5
12:15	141.0	1.3	136.2	1.2	135.8	1.5	99.0	1.8	170.1
12:30	158.1	.9	140.6	1.2	121.2	.9	105.2	1.2	186.0

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Interval: 015m

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	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				
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06:15				
06:30				
06:45				
07:00				
07:15				
07:30				
07:45				
08:00				
08:15				
08:30				
08:45				
09:00	10.7	47.0		
09:15	10.2	55.0		
09:30	9.7	60.0		
09:45	9.0	70.0		
10:00	8.0	80.0		
10:15	7.2	93.1		
10:30	8.0	105.6		
10:45	8.8	115.6		
11:00	8.4	122.2		
11:15	8.5	129.2		
11:30	8.2	140.8		
11:45	5.5	147.3		
12:00	4.1	171.3		
12:15	4.7	193.4		
12:30	4.3	197.8		

	21_WS700m	22_WD700m	23_WS800m	24_WD800m
Time	M/SEC	DEG	M/SEC	DEG
12:45	5.2	205.2	10.4	204.9
13:00	7.4	196.3	10.5	202.0
13:15	8.5	191.2	10.3	200.0
13:30	8.3	195.2	10.6	198.0
13:45	8.1	187.1	10.8	195.0
14:00	7.6	177.7	11.0	192.0
14:15	6.5	178.9	11.2	188.0
14:30	5.9	182.6	11.4	183.5
14:45	5.1	183.1	10.0	179.9
15:00	3.5	196.5	9.9	191.4
15:15	2.9	201.6	7.3	194.5
15:30	4.7	192.1	8.0	185.3
15:45	6.3	195.7		
16:00	7.9	204.8		
16:15	7.0	213.4		
16:30	7.1	213.0		
16:45	7.2	212.0		
17:00	7.3	211.0		
17:15	7.4	211.0		
17:30	7.6	211.0		
17:45	7.8	210.0		
18:00	8.0	210.0		
18:15	8.3	209.0		
18:30	8.6	209.0		
18:45	8.9	208.0		
19:00	9.0	208.0		
19:15	9.2	207.0		
19:30	9.5	207.0		
19:45	9.7	206.2		
20:00	10.6	210.2		
20:15	10.7	207.0		
20:30	10.8	204.0		
20:45	10.9	202.0		
21:00	11.0	200.0		
21:15	11.1	199.0		
21:30	11.2	197.0		
21:45	11.3	195.2	11.7	189.3
22:00	11.4	192.2	11.3	188.8
22:15	11.7	194.8	11.7	192.0
22:30	12.0	200.2	12.2	196.0
22:45	11.4	206.5	13.0	201.0
23:00	10.9	204.9	13.6	206.0
23:15	11.8	201.6	14.1	211.0
23:30	11.8	205.4	13.0	210.5
23:45	11.5	206.7	12.9	203.0
Avg	8.4	188.0	11.2	196.0
Max	12.0	213.4	14.1	211.0
Max Time	22:30	16:15	23:15	23:15
Min	2.9	47.0	7.3	179.9
Count	60	60	21	21
Total				