

Daily Summary Report

Site: ORNL Sodar

11/14/2017

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	1.0	52.2	.6	44.6	1.8	36.2	3.4	31.0	5.5
00:15	.9	47.1	.6	65.0	1.9	52.7	3.0	44.5	5.1
00:30	.7	62.4	.7	64.4	2.1	59.5	2.9	54.4	4.8
00:45	.8	71.1	.8	54.7	2.1	49.0	2.8	47.0	4.3
01:00	.8	72.6	.9	44.6	2.2	46.0	3.3	43.5	4.5
01:15	1.7	85.6	1.5	52.6	3.0	54.0	4.1	50.3	4.9
01:30	3.1	86.6	2.3	59.1	3.8	58.5	4.7	57.1	6.0
01:45	1.8	78.6	2.4	55.5	4.0	55.6	5.0	58.6	5.5
02:00	1.8	66.4	2.6	43.0	4.1	49.3	5.0	55.5	3.6
02:15	2.0	63.2	2.9	39.2	4.5	46.0	5.3	51.6	5.3
02:30	1.9	59.6	2.6	41.3	4.5	42.9	5.5	47.4	5.9
02:45	1.6	66.7	2.5	41.0	4.0	44.1	5.1	48.7	5.5
03:00	1.5	79.0	2.5	46.2	3.7	49.8	5.0	56.8	6.1
03:15	2.1	78.9	2.4	52.5	4.0	53.3	5.5	58.1	7.1
03:30	2.2	74.9	2.5	48.1	4.3	52.0	6.0	54.2	7.0
03:45	1.7	74.7	2.4	42.2	3.8	48.5	5.4	51.6	6.5
04:00	1.2	81.5	2.2	43.1	3.3	46.9	4.4	50.3	5.7
04:15	1.4	82.9	2.2	51.2	3.4	50.8	4.3	50.9	5.0
04:30	1.4	84.4	1.8	56.4	3.0	53.4	4.2	52.8	5.0
04:45	1.3	80.7	1.9	62.1	3.0	56.3	4.4	56.4	5.4
05:00	1.4	75.7	2.6	58.3	4.0	55.9	5.5	56.4	5.9
05:15	1.8	74.1	2.8	54.0	4.6	52.2	6.2	53.7	5.7
05:30	2.2	69.9	3.4	59.8	4.8	52.1	6.5	53.2	6.5
05:45	2.2	69.1	3.6	57.3	4.9	53.7	6.7	56.3	7.9
06:00	1.8	73.3	3.5	54.0	5.2	55.2	6.9	57.9	8.1
06:15	2.0	64.3	3.8	57.1	5.5	52.9	7.1	54.5	8.4
06:30	2.7	66.6	3.5	56.7	5.5	51.1	7.0	53.9	8.5
06:45	1.8	69.1	3.5	65.1	5.0	53.2	6.3	53.5	8.1
07:00	1.3	60.4	3.9	73.8	4.2	53.2	5.4	48.9	7.5
07:15	1.3	53.7	3.0	67.9	3.6	49.8	4.9	45.5	7.0
07:30	1.1	42.0	2.6	61.1	3.6	46.8	4.9	44.8	6.7
07:45	1.0	55.5	3.0	57.3	4.1	43.3	5.2	45.4	7.2
08:00	1.1	72.4	3.0	53.9	4.5	44.1	5.5	45.1	7.4
08:15	.9	63.6	2.7	57.9	4.2	50.1	5.3	46.6	6.7
08:30	.3	19.0	1.6	62.4	3.2	56.2	4.6	53.7	6.4
08:45	.1	292.1	.5	46.6	2.4	59.4	4.5	57.8	6.7
09:00	.1	141.4	.8	34.3	2.0	52.3	3.4	53.2	5.1
09:15	.1	168.9	1.1	35.1	1.6	39.2	2.4	55.8	3.8
09:30	.0	129.9	1.1	44.4	1.5	39.7	2.2	51.6	3.1
09:45	.4	64.1	1.1	66.8	1.6	56.8	1.8	48.3	1.5
10:00	.6	39.5	1.5	61.0	2.1	58.0	2.0	50.4	1.9
10:15	.5	40.1	2.1	62.8	2.3	53.5	2.3	45.7	2.4
10:30	.4	46.2	2.3	66.0	2.4	52.6	2.6	48.7	2.9
10:45	.6	62.9	2.3	66.7	2.2	61.3	2.6	59.5	3.1
11:00	.9	80.0	2.0	75.3	2.0	75.4	2.3	73.6	2.1
11:15	.7	81.1	1.7	86.7	1.6	82.0	1.9	77.6	1.6
11:30	.5	102.5	1.3	94.3	1.8	81.3	1.9	75.6	1.6
11:45	.7	109.9	.9	94.3	1.4	82.8	1.6	77.8	1.3
12:00	.4	56.4	.6	66.0	.7	65.0	.9	65.1	.6
12:15	.5	36.8	.4	351.7	.6	2.8	.7	25.9	.3

Daily Summary Report

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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	23.8	7.5	27.6	9.7	36.3	10.2	45.4	11.7	46.1
00:15	32.9	7.0	35.8	9.6	44.8	10.7	48.7	11.0	53.0
00:30	46.0	6.3	43.4	9.0	55.0	10.8	52.2	10.5	60.0
00:45	46.7	6.0	45.1	8.4	58.1	9.1	60.2	10.0	70.0
01:00	47.0	5.9	50.7	7.7	63.4	8.2	77.1	9.5	76.0
01:15	50.6	6.0	63.9	6.1	74.6	7.0	82.0	9.0	82.0
01:30	60.5	6.4	79.7	3.9	88.1	6.0	87.0	8.3	88.0
01:45	67.2	4.5	81.1	3.9	92.5	5.5	92.0	7.3	94.0
02:00	64.0	3.4	79.3	2.1	101.4	5.5	102.0	7.5	97.0
02:15	70.5	4.4	82.6	1.5	109.7	5.5	111.0	7.8	101.0
02:30	66.9	4.3	71.7	1.9	95.8	4.0	103.0	6.7	108.2
02:45	61.3	4.6	71.4	3.7	94.0	5.5	95.0	6.5	89.4
03:00	63.4	4.7	76.6	3.8	88.3	5.5	89.0	6.7	86.2
03:15	64.0	6.9	74.5	6.8	90.0	6.8	93.0	7.4	92.8
03:30	64.1	6.9	80.5	9.8	91.7	9.5	93.2	7.8	89.4
03:45	65.8	6.9	81.7	6.5	87.1	7.6	91.3	7.3	87.5
04:00	70.0	6.1	86.1	7.0	89.0	7.3	91.0	8.2	90.4
04:15	74.3	3.6	88.6	5.8	92.0	8.2	90.1	7.7	88.0
04:30	71.6	4.0	86.3	6.2	88.9	6.8	89.3	6.6	84.9
04:45	68.4	5.4	85.9	7.8	90.0	6.1	91.9	6.3	80.7
05:00	70.5	6.3	86.2	8.6	90.3	6.1	85.4	5.8	81.7
05:15	69.7	6.5	87.5	8.7	91.4	5.6	85.8	5.3	84.3
05:30	68.5	7.7	83.7	7.8	86.0	7.2	83.0	5.2	78.7
05:45	72.0	7.8	80.7	7.6	79.0	7.2	79.0	5.2	81.8
06:00	68.2	9.3	78.5	7.8	76.0	7.2	77.0	5.9	100.5
06:15	57.1	11.2	68.0	8.0	73.0	7.2	75.0	5.6	106.0
06:30	56.7	10.4	63.2	8.3	70.0	7.1	73.0	5.7	103.6
06:45	54.6	9.6	57.4	8.5	67.0	7.1	71.0	6.4	91.9
07:00	50.2	9.0	49.0	8.8	64.0	7.1	68.0	6.1	101.8
07:15	48.7	9.0	46.9	9.0	61.0	7.0	65.0	5.7	93.9
07:30	46.3	9.2	50.2	9.3	55.0	7.0	63.0	5.0	81.1
07:45	45.0	9.7	46.4	9.5	50.0	7.0	61.0	4.4	91.9
08:00	47.1	9.9	41.6	10.0	45.0	6.9	62.0	4.4	91.0
08:15	47.4	8.3	49.2	11.0	40.0	6.7	63.0	4.4	90.0
08:30	49.2	8.8	49.9	13.0	35.0	6.6	65.0	4.4	90.0
08:45	48.2	9.3	49.0	14.6	31.9	6.5	66.0	4.4	89.0
09:00	42.0	7.5	40.6	11.6	38.2	6.4	68.0	4.4	89.0
09:15	47.2	6.3	36.5	9.3	44.0	6.2	70.0	4.5	88.0
09:30	50.2	5.4	47.6	8.6	47.3	6.1	72.0	4.5	87.0
09:45	30.5	3.6	36.3	8.0	50.0	6.0	74.0	4.5	87.0
10:00	53.2	3.9	44.4	7.0	55.0	5.8	77.0	4.5	86.0
10:15	59.3	3.9	59.4	6.0	59.2	5.7	79.1	4.6	85.0
10:30	51.0	3.4	54.4	6.7	39.5	5.1	69.8	4.2	67.2
10:45	61.7	3.0	65.1	4.8	58.0	4.8	65.3	4.0	63.9
11:00	74.6	2.6	80.2	4.2	80.1	3.8	62.8	3.4	61.2
11:15	60.6	2.3	65.9	2.8	75.2	3.1	56.1	3.1	51.0
11:30	59.9	2.3	61.1	3.0	60.5	3.1	71.8	2.0	98.1
11:45	76.9	1.8	81.3	2.4	63.3	2.3	92.3	1.3	126.5
12:00	85.2	1.0	123.5	1.2	105.9	1.0	94.9	1.4	180.9
12:15	55.0	.6	113.8	1.0	101.6	1.1	132.2	2.5	176.9

Daily Summary Report

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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	16.1	35.8	16.3	37.0	17.5	37.9
00:15						
00:30						
00:45						
01:00						
01:15						
01:30			7.3	95.9	7.0	108.9
01:45	9.2	98.3	7.5	96.3	6.8	114.9
02:00	7.7	89.5	6.8	92.0	6.0	119.0
02:15	6.7	88.1	6.0	102.8	5.3	131.8
02:30	6.9	99.5	6.3	113.5	5.1	139.1
02:45	7.0	98.1	5.9	118.0	4.0	163.1
03:00	6.8	95.1	4.8	122.6	3.8	184.2
03:15	6.5	102.6	3.9	127.6	4.0	203.0
03:30	6.0	104.1	3.9	134.9	4.8	194.8
03:45	5.9	98.6	4.1	130.8	5.6	191.7
04:00	5.8	100.8	4.3	120.3	4.8	204.9
04:15	5.1	97.7	4.7	123.0	4.6	223.3
04:30	4.2	94.8	3.4	137.9	6.0	224.5
04:45	4.1	102.7	3.0	159.6	6.0	215.3
05:00	3.8	116.8	4.5	182.7	7.3	210.9
05:15	3.1	126.0	5.6	187.3	8.2	211.4
05:30	2.8	112.1	4.9	187.8	7.7	196.2
05:45	2.9	113.8	4.8	194.4		
06:00	2.8	145.4	6.4	197.8		
06:15	3.1	154.9	6.2	195.7		
06:30	4.0	143.2	6.2	197.0		
06:45	5.0	138.0	6.3	199.0		
07:00	5.8	133.5	6.4	200.0		
07:15	4.5	133.0	6.5	202.0		
07:30	4.0	132.7	6.5	203.1		
07:45	4.0	144.3	6.2	205.2		
08:00	3.7	144.0	6.6	200.6		
08:15	3.5	143.0	7.9	205.6		
08:30	3.4	142.0	8.4	205.0		
08:45	3.3	141.0				
09:00	3.3	140.0				
09:15	3.2	139.0				
09:30	3.1	138.0				
09:45	3.0	137.0				
10:00	2.9	136.0				
10:15	2.8	135.7				
10:30	2.2	145.0				
10:45	1.6	154.4				
11:00	1.8	160.0				
11:15	2.1	165.0				
11:30	2.5	170.0				
11:45	3.0	175.0				
12:00	3.5	182.0				
12:15	3.7	187.0				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	4.3	208.7				
12:45	4.9	224.1				
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
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21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	4.5	131.9	6.1	155.8	6.4	170.8
Max	16.1	224.1	16.3	205.6	17.5	224.5
Hr. of Max	00	51	00	33	00	18
Min	1.6	35.8	3.0	37.0	3.8	37.9
Count	46	46	30	30	18	18
Total						