

Daily Summary Report

Site: ORNL Sodar

11/14/2018

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	.3	121.9	.7	42.5	3.0	43.3	5.1	44.4	7.2
00:15	.3	134.5	.5	67.1	2.3	51.5	4.3	46.7	6.6
00:30	.3	147.2	.3	45.8	2.4	55.2	4.6	43.2	6.9
00:45	.3	133.9	.3	36.9	2.6	39.6	5.7	35.5	7.3
01:00	.2	135.4	.1	5.9	1.4	51.9	3.6	48.7	6.0
01:15	.2	147.5	.1	41.8	1.5	64.2	3.2	59.6	5.5
01:30	.1	141.5	.2	83.7	1.6	54.1	3.4	55.6	5.1
01:45	.1	29.1	.2	46.5	1.4	55.0	2.9	61.0	3.7
02:00	.1	10.8	.5	65.2	1.6	61.3	2.4	63.8	3.0
02:15	.2	22.9	.5	66.6	1.7	61.6	2.6	61.5	3.2
02:30	.2	43.1	.3	51.8	1.3	59.5	2.4	54.0	3.2
02:45	.3	27.0	.3	71.2	1.4	61.1	2.1	54.5	3.0
03:00	.3	32.8	.5	53.8	1.7	67.6	2.5	63.5	3.3
03:15	.2	75.1	.6	49.7	1.7	70.3	3.1	68.3	3.2
03:30	.2	54.8	.3	56.4	1.8	71.2	2.9	66.2	3.1
03:45	.1	62.5	.1	172.0	1.4	66.9	2.1	61.0	2.6
04:00	.2	74.5	.3	137.0	1.3	52.5	1.6	54.0	1.9
04:15	.2	52.8	.4	116.7	1.5	53.5	2.0	50.8	2.1
04:30	.2	46.9	.3	95.9	1.6	66.0	2.7	67.7	2.6
04:45	.3	53.2	.2	74.5	1.5	60.9	2.7	67.4	2.9
05:00	.2	86.5	.2	37.0	1.5	52.0	2.4	47.2	2.5
05:15	.2	144.3	.2	12.1	1.5	52.6	2.3	51.2	3.2
05:30	.2	139.5	.2	358.7	1.4	53.1	2.1	62.1	2.8
05:45	.4	140.9	.2	36.3	1.3	50.3	1.8	56.8	2.3
06:00	.5	127.8	.4	3.7	1.4	52.4	2.2	54.3	3.9
06:15	.5	112.1	.4	348.6	1.4	57.2	2.5	60.9	4.6
06:30	.6	109.4	.3	33.7	1.6	61.1	2.3	68.8	5.8
06:45	.8	104.1	.3	57.2	2.2	70.0	2.9	74.4	7.0
07:00	.7	105.6	.2	352.3	2.4	74.1	5.4	79.4	6.6
07:15	.9	91.4	.2	351.0	1.8	62.8	4.2	76.0	4.0
07:30	1.3	84.5	.3	53.6	1.1	48.6	1.9	64.6	1.5
07:45	1.0	84.9	.4	57.2	1.0	57.8	2.0	62.5	1.8
08:00	1.0	88.0	.3	35.1	1.9	66.7	4.0	76.8	5.1
08:15	1.2	84.5	.1	80.5	2.0	69.6	4.1	79.3	6.6
08:30	1.1	84.1	.1	83.5	1.5	66.8	3.8	78.4	6.8
08:45	.9	86.7	.1	44.2	1.5	60.7	3.8	76.4	5.8
09:00	.8	81.8	.3	38.6	1.4	57.6	2.2	65.4	4.9
09:15	.9	82.8	.6	38.6	1.4	60.8	2.5	73.0	6.3
09:30	1.0	81.6	.6	45.1	1.3	59.6	2.1	64.2	5.8
09:45	1.0	77.9	1.0	57.1	1.7	63.5	2.2	60.0	5.3
10:00	.9	75.3	.8	39.7	1.7	62.0	2.1	64.1	4.0
10:15	.8	70.2	.7	32.7	1.5	52.8	2.0	62.0	3.2
10:30	.8	72.7	.6	51.3	1.6	57.7	1.8	60.3	2.5
10:45	.6	81.4	.4	24.6	1.4	63.1	1.6	67.9	1.4
11:00	.6	81.4	.6	8.7	1.4	59.6	1.8	67.8	1.8
11:15	.7	82.4	.7	26.8	1.4	61.7	1.4	59.2	2.1
11:30	.8	87.1	1.0	62.3	1.4	59.3	1.6	58.3	1.3
11:45	1.4	84.2	1.2	66.9	1.6	54.3	1.8	56.7	1.1
12:00	1.5	82.2	1.3	56.8	1.8	61.9	1.6	48.6	1.7
12:15	1.2	80.3	.9	42.4	1.7	62.1	1.5	47.9	1.6
12:30	.8	74.8	.7	34.5	1.5	64.3	1.8	65.4	1.5

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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	40.8	8.8	37.0	10.7	35.8	9.5	41.6	9.6	54.4
00:15	41.3	8.8	34.9	11.0	34.2	9.8	39.3	9.5	52.8
00:30	34.5	9.2	32.2	10.9	34.4	9.6	40.5	9.7	54.0
00:45	33.7	9.7	33.2	10.9	35.4	9.8	40.9	10.0	54.8
01:00	41.5	9.0	34.7	11.2	34.2	10.4	38.2	10.0	52.9
01:15	41.5	8.9	32.1	11.5	31.7	10.7	39.2	10.2	55.2
01:30	41.2	8.7	34.0	10.9	34.0	10.6	44.3	10.3	59.4
01:45	54.7	7.7	37.5	11.1	37.4	11.0	47.9	10.7	58.6
02:00	55.4	7.6	31.8	10.9	37.1	11.3	46.3	10.7	57.1
02:15	53.6	7.1	31.9	11.2	36.5	11.9	46.8	11.1	59.6
02:30	45.9	7.1	29.2	11.7	35.6	12.4	46.5	11.6	57.5
02:45	39.6	6.7	28.2	11.2	34.0	11.6	42.0	11.2	56.4
03:00	48.4	4.5	37.7	10.4	38.2	10.7	41.5	12.4	50.1
03:15	58.9	4.3	45.0	10.9	40.4	11.5	43.7	12.8	45.6
03:30	56.2	4.6	58.9	10.3	41.8	12.5	45.0	11.5	56.0
03:45	61.9	4.2	66.1	9.3	43.4	11.6	46.7	11.4	59.1
04:00	60.3	4.4	42.0	10.4	39.2	11.1	45.5	12.2	54.7
04:15	61.6	4.5	47.2	10.1	41.1	12.1	45.6	13.0	53.5
04:30	63.9	4.5	71.2	9.6	48.6	13.1	44.7	12.4	52.8
04:45	45.2	5.1	52.2	9.9	45.6	13.5	43.4	12.3	47.7
05:00	44.8	5.6	46.3	10.1	39.3	11.9	52.5	11.9	51.6
05:15	70.8	6.6	70.5	9.9	50.9	11.2	59.0	11.8	60.1
05:30	68.8	6.8	71.9	9.7	52.3	10.9	55.9	12.3	57.4
05:45	54.4	5.7	51.2	10.1	40.4	11.4	56.2	12.4	55.9
06:00	58.9	7.3	53.1	10.5	46.5	11.1	58.4	11.2	58.9
06:15	65.0	8.5	55.7	11.2	51.4	12.1	61.3	10.1	56.9
06:30	72.3	8.7	59.9	11.4	53.4	12.9	64.8	11.3	61.0
06:45	77.8	9.1	60.6	10.6	54.9	12.3	62.0	12.8	62.4
07:00	81.9	9.4	72.5	10.5	65.0	11.8	62.7	12.7	63.0
07:15	80.0	9.6	80.2	11.1	61.9	11.0	65.4	12.5	64.0
07:30	60.7	6.2	75.1	10.3	68.7	11.2	68.4	12.3	65.0
07:45	61.9	5.1	70.7	10.1	64.1	11.4	66.1	12.3	66.0
08:00	75.6	5.7	61.8	9.9	58.2	11.3	62.9	12.2	67.0
08:15	78.0	7.7	58.2	10.8	59.3	11.1	63.1	14.0	66.3
08:30	80.4	9.2	61.5	10.9	62.2	12.1	65.0	12.6	59.9
08:45	75.7	8.9	62.9	10.5	59.2	12.2	61.9	11.7	59.0
09:00	77.7	7.9	66.5	10.7	59.0	11.5	60.7	13.3	71.7
09:15	83.2	7.9	73.5	11.5	60.6	12.0	64.1	13.2	72.4
09:30	79.5	7.7	69.4	11.0	61.9	11.8	66.7	13.3	69.5
09:45	75.6	8.0	69.4	10.8	63.6	11.3	71.9	13.6	72.9
10:00	76.0	8.0	69.3	11.1	62.3	11.6	72.0	12.8	75.0
10:15	74.6	7.0	63.9	9.3	60.8	11.8	67.1	11.6	71.7
10:30	72.0	5.2	73.0	8.2	58.7	9.7	62.1	10.1	64.2
10:45	67.3	4.6	81.4	8.2	63.7	9.1	66.0	9.8	68.3
11:00	66.2	4.8	73.0	7.9	64.8	9.5	65.5	10.0	73.5
11:15	62.3	4.2	67.8	8.6	64.1	9.9	64.1	10.1	72.9
11:30	49.5	2.1	73.1	9.5	70.9	9.7	65.9	10.6	72.7
11:45	48.6	2.4	72.2	10.1	73.9	9.8	69.1	11.5	74.2
12:00	64.2	4.2	79.6	8.3	74.6	9.6	74.3	11.0	78.1
12:15	54.5	4.2	81.0	7.5	75.2	9.5	75.3	10.7	77.5
12:30	52.1	3.5	79.5	7.7	81.2	8.9	74.7	10.4	77.0

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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	9.9	53.5	10.0	63.0		
00:15	9.4	60.2	10.3	63.0		
00:30	9.7	64.0	10.5	64.0		
00:45	9.7	60.4	10.8	65.0		
01:00	10.0	59.5	11.0	66.0		
01:15	10.2	63.8	11.3	66.0		
01:30	10.0	69.8	11.4	67.0		
01:45	10.2	72.4	11.4	68.0		
02:00	10.8	69.6	11.4	69.0		
02:15	11.6	67.7	11.4	70.7		
02:30	12.3	63.8	12.5	69.0		
02:45	12.3	61.8	13.6	67.6		
03:00	11.7	63.8	12.1	72.5		
03:15	12.3	63.9	12.0	78.1		
03:30	13.3	69.1	11.9	76.0		
03:45	13.3	69.8	11.8	74.0		
04:00	13.0	63.4	11.7	73.0		
04:15	12.6	62.1	11.6	71.7		
04:30	12.0	64.0	11.7	68.0		
04:45	11.7	61.7	11.5	69.4		
05:00	11.8	63.4	11.5	70.0		
05:15	12.2	68.8	11.5	72.0		
05:30	11.6	66.7	11.5	73.0		
05:45	11.8	61.2	11.5	74.0		
06:00	13.4	59.3	11.5	75.0		
06:15	13.0	61.0	11.3	76.0		
06:30	12.8	64.0	11.3	78.0		
06:45	12.5	66.0	11.3	79.0		
07:00	12.3	68.0	11.3	80.0		
07:15	12.0	70.0	11.0	81.0		
07:30	11.8	71.0	11.0	82.0		
07:45	11.5	72.0	11.0	84.0		
08:00	11.3	73.0	11.0	85.0		
08:15	11.0	74.0	11.0	86.0		
08:30	10.8	75.0	10.8	87.0		
08:45	10.5	76.0	10.8	89.0		
09:00	10.3	77.0	10.8	90.0		
09:15	10.0	78.0	10.5	91.0		
09:30	10.0	79.0	10.5	93.0		
09:45	9.7	80.2	10.5	95.0		
10:00	13.0	84.9	10.3	96.0		
10:15	13.0	77.1	10.2	97.2		
10:30	11.3	76.8	11.8	87.2		
10:45	11.7	80.0	9.7	85.5		
11:00	12.3	79.2	9.0	81.7		
11:15	11.1	78.8	10.8	83.5		
11:30	10.5	83.8	11.0	85.0		
11:45	10.7	83.3	11.0	87.0		
12:00	11.3	88.2	11.0	89.0		
12:15	11.2	88.8	11.2	91.4		
12:30	10.2	89.8	9.7	92.4		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:45	9.8	90.2	9.0	94.0		
13:00	9.9	86.1	8.0	95.8		
13:15	9.1	85.1	6.6	103.8		
13:30	8.3	83.9	7.3	119.8		
13:45	8.8	84.1	7.4	123.9		
14:00	8.3	76.9	6.6	110.8		
14:15	6.9	80.1	7.8	111.2		
14:30	6.8	94.6	7.8	125.7		
14:45	7.3	96.6	7.0	124.2	9.0	130.8
15:00	9.4	88.2	6.2	121.3	8.8	133.8
15:15	10.0	88.4	6.1	112.1		
15:30	9.7	88.1	8.0	116.8		
15:45	8.8	91.9	9.4	123.1		
16:00	9.5	98.1	9.6	124.0		
16:15	9.0	99.9	9.7	124.9		
16:30	8.5	104.8	9.9	125.8		
16:45	9.5	96.0	10.0	126.7		
17:00	10.8	89.9	10.2	127.6		
17:15	11.5	88.0	10.3	128.5		
17:30	12.2	88.4	10.5	129.4		
17:45	13.0	95.9	10.6	130.3		
18:00	11.8	101.2	10.8	131.2		
18:15	11.4	105.0	10.9	132.1		
18:30	11.0	108.0	11.1	133.0		
18:45	10.8	112.0	11.2	133.9		
19:00	10.5	116.0	11.4	134.8		
19:15	10.3	120.7	11.5	135.7		
19:30	10.0	116.0	11.7	136.6		
19:45	9.5	111.0	11.8	137.5		
20:00	10.2	120.5	12.0	138.4		
20:15	10.3	124.0	12.1	139.3		
20:30	10.5	128.4	12.3	140.2		
20:45	10.4	128.4	12.4	141.1		
21:00	10.3	130.2	12.6	142.0		
21:15	10.9	138.2	12.7	142.9		
21:30	11.0	138.3	12.9	143.8		
21:45	11.0	144.3	13.5	140.1		
22:00	11.1	145.4	14.9	141.8		
22:15	11.1	149.4	15.0	142.0		
22:30	11.5	148.7	15.0	142.0		
22:45	12.3	143.1	15.0	143.0		
23:00	12.4	142.8	15.0	143.0		
23:15	13.2	143.4	15.0	144.0		
23:30	14.9	143.6	15.0	144.0		
23:45	15.5	141.1	15.0	145.0		
Avg	11.0	89.5	11.0	102.5	8.9	132.3
Max	15.5	149.4	15.0	145.0	9.0	133.8
Hr. of Max	95	89	95	95	59	60
Min	6.8	53.5	6.1	63.0	8.8	130.8
Count	96	96	96	96	2	2
Total						