

Daily Summary Report

Site: ORNL Sodar

9/15/2018

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	1.8	53.1	3.2	42.9	4.4	39.5	5.7	38.3	8.0
00:15	1.5	74.6	3.0	51.6	3.9	42.3	5.3	42.2	7.3
00:30	1.5	78.0	3.2	59.3	4.4	53.3	5.9	48.6	6.9
00:45	2.0	72.5	4.3	58.6	5.8	54.4	6.7	47.5	5.8
01:00	2.2	61.9	5.2	51.7	6.8	50.3	6.4	48.2	3.4
01:15	2.3	54.7	4.9	42.9	6.6	46.2	6.6	49.0	4.8
01:30	2.4	47.2	4.6	41.1	6.1	44.8	7.6	43.0	5.9
01:45	2.3	36.9	4.2	42.1	5.4	41.2	7.0	40.9	6.8
02:00	1.9	46.2	3.4	37.7	4.8	37.1	6.5	37.8	6.8
02:15	1.7	52.3	2.8	34.9	4.3	39.6	5.8	41.0	5.9
02:30	1.4	55.7	2.5	42.9	3.8	43.1	5.2	41.7	6.0
02:45	1.0	72.5	2.8	51.3	3.8	46.7	4.8	41.6	4.0
03:00	1.2	52.5	3.4	47.6	4.5	43.9	6.0	37.8	4.5
03:15	2.1	39.0	3.9	38.8	5.6	37.7	7.3	36.6	5.7
03:30	2.7	40.3	4.0	35.4	5.9	35.9	7.7	34.7	7.2
03:45	2.7	52.3	3.7	31.7	5.3	35.8	7.5	34.2	8.9
04:00	2.5	52.9	3.5	35.4	4.9	39.4	7.1	39.4	9.4
04:15	2.4	62.6	3.6	40.5	5.2	40.9	7.4	40.7	10.0
04:30	2.5	61.4	4.0	40.7	5.6	39.1	7.5	38.1	10.2
04:45	2.7	57.4	4.1	42.4	5.8	39.0	7.6	38.1	10.1
05:00	2.4	50.5	4.4	38.6	6.3	37.5	8.3	38.3	8.8
05:15	2.5	52.0	4.5	38.0	6.4	36.6	8.3	35.6	5.6
05:30	2.5	61.3	4.5	40.1	6.6	37.8	8.2	36.2	5.9
05:45	2.1	70.8	4.2	44.6	6.0	43.7	6.9	42.5	4.2
06:00	1.3	71.7	3.1	53.6	4.4	51.6	4.8	47.5	2.1
06:15	.9	55.4	2.1	57.5	3.3	54.1	4.3	47.5	2.9
06:30	1.7	52.7	2.3	52.2	3.6	46.4	5.1	42.7	6.3
06:45	2.1	55.5	2.9	52.4	4.6	41.6	6.3	39.3	7.7
07:00	1.5	56.0	3.0	47.7	4.6	40.3	6.4	37.2	7.4
07:15	1.7	63.3	2.9	42.9	4.4	38.6	6.2	36.6	7.8
07:30	2.1	73.0	2.6	50.7	4.3	45.1	6.1	40.4	8.6
07:45	2.5	75.8	2.4	61.4	4.5	52.6	6.4	46.6	8.5
08:00	3.2	77.3	3.3	64.1	5.3	51.7	7.3	46.9	9.3
08:15	2.4	75.0	4.0	56.6	5.7	46.4	7.6	43.4	10.1
08:30	2.2	83.7	4.2	47.3	5.5	42.5	7.3	41.0	9.4
08:45	2.0	82.4	3.9	43.7	5.4	42.2	7.0	39.4	9.2
09:00	2.0	75.4	3.9	52.2	4.8	43.4	6.5	41.5	8.8
09:15	1.9	73.4	3.6	54.8	3.9	44.2	5.4	45.3	7.8
09:30	1.3	74.1	3.1	53.3	3.9	38.4	5.2	39.6	7.5
09:45	2.2	80.0	4.4	63.3	4.9	48.2	6.7	47.8	8.6
10:00	4.7	78.4	4.8	60.8	5.7	58.8	6.4	58.3	7.9
10:15	4.6	77.6	4.8	53.3	5.7	57.0	5.7	55.8	6.3
10:30	4.5	70.9	4.9	60.2	5.4	61.3	5.1	56.2	5.4
10:45	4.5	51.7	5.4	55.6	5.2	57.4	5.2	55.8	5.2
11:00	3.7	43.4	5.8	46.5	6.2	42.6	6.2	46.7	5.3
11:15	3.4	39.5	4.5	41.7	5.8	39.0	5.8	42.0	5.2
11:30	4.0	43.7	4.7	37.8	5.0	43.9	5.5	39.4	5.0
11:45	4.0	48.1	4.8	37.9	4.7	41.7	5.2	34.4	4.9
12:00	3.3	64.6	4.7	32.3	4.7	35.6	4.9	31.0	4.5
12:15	3.7	81.5	5.5	37.7	5.2	48.8	5.4	50.1	4.9

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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	38.0	9.8	47.7						
00:15	42.3	8.5	61.2						
00:30	44.7	5.8	74.3						
00:45	41.3	3.0	63.0						
01:00	36.9	.3	50.3						
01:15	47.2	1.8	50.5						
01:30	50.4	3.7	80.9						
01:45	43.5	2.9	53.2	.9	290.8				
02:00	30.8	3.4	15.4	.4	331.9				
02:15	33.8	2.6	21.8	1.3	63.9				
02:30	39.3	4.3	57.4						
02:45	39.5	1.5	67.2	.5	276.7				
03:00	30.6	.5	354.3	.4	91.8				
03:15	26.4	.9	14.0	.8	80.0				
03:30	19.7	1.1	47.7	1.0	88.6				
03:45	31.7	5.0	50.0						
04:00	42.7	9.5	53.3						
04:15	42.7	8.8	58.6						
04:30	35.0	9.9	37.7						
04:45	34.6	11.9	34.8						
05:00	35.0	9.4	34.6						
05:15	35.6	5.0	55.0						
05:30	33.3	2.0	75.4	.8	68.4				
05:45	63.3	5.5	89.0	2.8	91.5				
06:00	69.7	2.3	87.4	1.9	85.6				
06:15	53.6	1.3	70.4	.2	74.0	.4	110.2		
06:30	41.9	2.3	68.8	.8	135.8				
06:45	37.2	4.7	41.3	1.3	127.1				
07:00	32.1	6.0	15.5						
07:15	32.0	6.3	14.2						
07:30	35.6	6.2	27.5	5.8	11.1				
07:45	40.4	4.3	59.1	8.0	25.0				
08:00	43.3	6.2	76.5	11.0	40.0				
08:15	39.5	12.2	42.2	13.1	49.7				
08:30	41.2	12.1	42.3	13.8	47.0				
08:45	41.6	11.6	42.5	12.5	48.0				
09:00	43.2	10.9	43.7	11.9	48.9				
09:15	46.3	9.7	44.8	11.5	48.9				
09:30	44.7	9.2	45.3	11.8	50.3				
09:45	50.1	9.6	50.4	11.7	52.4				
10:00	56.7	9.0	63.2	10.7	54.1	11.5	60.2		
10:15	57.9	7.2	66.7	9.0	61.7	10.9	62.0		
10:30	63.2	6.2	57.4	8.8	63.0	11.3	57.2	10.4	55.8
10:45	66.9	6.2	61.7	8.1	59.3	10.4	59.7	9.6	59.4
11:00	56.3	5.7	58.2	8.0	56.0	9.0	58.0	9.5	61.2
11:15	47.0	6.0	51.5	8.2	54.5	8.8	52.0	9.0	58.6
11:30	48.6	6.2	50.6	7.7	54.9	7.7	53.2	9.0	59.8
11:45	42.0	5.5	36.6	7.6	39.6	7.4	42.3	9.7	55.7
12:00	38.0	6.0	33.5	8.1	36.7	9.1	47.0	10.9	52.9
12:15	54.2	6.4	52.9	8.6	52.7	10.1	59.0	10.9	52.8

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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						
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						
03:45						
04:00						
04:15						
04:30						
04:45						
05:00						
05:15						
05:30						
05:45						
06:00						
06:15						
06:30						
06:45						
07:00						
07:15						
07:30						
07:45						
08:00						
08:15						
08:30						
08:45						
09:00						
09:15						
09:30						
09:45						
10:00						
10:15						
10:30						
10:45	11.3	57.5				
11:00	10.6	61.8	11.0	65.6		
11:15	10.1	60.1	11.3	56.4		
11:30	9.5	51.8	11.4	56.3		
11:45	9.6	50.0	11.4	56.1		
12:00	9.7	50.0	11.5	56.0		
12:15	9.8	50.0	11.5	55.8		

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	9.9	50.0	11.6	55.7		
12:45	10.0	50.0	11.6	55.5		
13:00	10.1	50.0	11.7	55.4		
13:15	10.2	50.0	11.7	55.2		
13:30	10.3	50.0	11.8	55.1		
13:45	10.4	50.0	11.8	54.9		
14:00	10.5	50.0	11.9	54.8		
14:15	10.6	50.0	11.9	54.6		
14:30	10.7	50.0	12.0	54.5		
14:45	10.8	50.0	12.0	54.3		
15:00	10.9	50.0	12.1	54.2		
15:15	11.0	50.0	12.1	54.0		
15:30	11.1	50.0	12.2	53.9		
15:45	11.2	50.0	12.2	53.7		
16:00	11.3	50.0	12.3	53.6		
16:15	11.3	50.0	12.3	53.3		
16:30	11.4	50.0	12.4	53.1		
16:45	11.6	50.0	12.4	52.8		
17:00	11.7	50.0	12.5	52.6		
17:15	11.7	50.0	12.5	52.3		
17:30	11.8	50.0	12.6	52.1		
17:45	11.9	50.0	12.6	51.8		
18:00	12.0	50.0	12.8	51.6		
18:15	12.1	50.0	12.9	51.3		
18:30	12.2	50.0	13.1	51.1		
18:45	12.3	50.0	13.2	50.8		
19:00	12.4	50.0	13.4	50.6		
19:15	12.5	50.0	13.5	50.3		
19:30	12.6	50.0	13.7	50.1		
19:45	12.7	50.0	13.8	49.8		
20:00	12.8	50.0	14.0	49.6		
20:15	13.2	48.7	14.1	49.3		
20:30	13.5	48.0	14.3	49.1		
20:45	13.5	48.0	14.4	48.8		
21:00	13.5	48.0	14.6	48.6		
21:15	13.5	48.0	14.6	48.3		
21:30	13.5	48.0	14.7	48.1		
21:45	13.5	48.0	14.7	47.9		
22:00	13.7	46.8	14.8	47.7		
22:15	13.6	46.0	14.8	47.4		
22:30	13.6	45.0	14.9	47.2		
22:45	13.6	44.0	14.9	46.9		
23:00	13.6	43.0	15.0	46.7		
23:15	13.6	42.0	15.0	46.4		
23:30	13.4	41.7	15.1	46.2		
23:45	13.1	42.7	15.1	45.9		
Avg	11.8	49.4	13.0	52.0		
Max	13.7	61.8	15.1	65.6		
Hr. of Max	88	44	95	44		
Min	9.5	41.7	11.0	45.9		
Count	53	53	52	52	0	0
Total						