

Daily Summary Report

Site: ORNL Sodar

6/7/2017

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	3.2	34.0	6.1	24.1	7.5	32.4	9.2	31.3	11.2
00:15	3.5	35.0	5.9	28.1	7.6	32.4	9.5	32.1	12.1
00:30	3.5	37.0	5.6	35.8	7.6	32.3	9.5	33.7	12.5
00:45	3.4	45.1	5.0	37.9	6.7	36.0	8.5	36.2	11.6
01:00	3.1	43.1	4.4	39.4	6.0	38.7	7.9	37.6	11.0
01:15	2.6	45.0	4.3	46.3	6.0	42.5	8.0	40.4	11.0
01:30	2.9	50.9	4.3	49.3	6.1	44.0	8.0	42.1	10.9
01:45	3.0	35.0	4.6	44.5	6.4	42.8	8.2	42.5	10.9
02:00	3.3	33.0	4.6	43.9	6.4	43.7	8.1	43.3	10.9
02:15	3.1	43.2	4.2	47.3	5.9	44.9	7.8	44.6	10.6
02:30	2.6	47.0	3.8	48.2	5.7	46.4	7.7	46.5	10.6
02:45	3.0	45.0	4.2	48.6	6.3	45.7	8.4	45.5	11.4
03:00	3.3	48.6	4.8	44.7	7.1	45.0	9.3	44.2	11.9
03:15	3.1	60.4	4.7	46.2	7.0	46.5	9.0	45.8	11.7
03:30	3.5	58.9	4.8	47.2	7.0	48.2	9.0	46.7	11.5
03:45	3.0	53.0	4.8	48.5	7.0	48.7	9.0	46.2	11.6
04:00	3.7	42.1	4.8	52.1	6.5	49.4	8.3	46.3	11.2
04:15	3.8	47.5	4.5	56.9	6.1	53.5	7.7	48.8	10.6
04:30	2.9	53.9	4.3	60.3	6.4	54.6	8.1	49.4	10.8
04:45	2.9	52.5	4.5	60.4	6.8	54.5	8.8	49.7	11.5
05:00	3.4	48.6	4.6	59.1	6.8	53.6	8.8	50.1	11.2
05:15	3.0	58.0	4.8	54.7	7.2	49.4	9.4	48.7	10.5
05:30	3.7	48.9	5.5	46.8	8.1	44.8	10.1	46.9	10.0
05:45	4.0	38.0	5.5	37.1	8.2	40.7	10.1	43.6	9.9
06:00	3.1	40.8	4.5	34.7	6.7	38.5	8.8	40.9	10.7
06:15	3.2	39.2	4.1	37.9	5.6	38.3	7.7	39.4	10.6
06:30	3.3	35.7	3.9	44.0	5.4	41.6	7.4	41.1	10.2
06:45	3.2	36.0	3.9	48.0	5.1	43.2	7.0	42.2	9.7
07:00	2.8	37.1	3.7	47.7	4.8	42.2	6.7	41.8	9.3
07:15	2.2	53.6	3.6	49.0	4.9	42.7	6.7	41.0	9.3
07:30	2.5	40.3	3.4	48.8	4.8	41.0	6.5	39.9	9.1
07:45	1.9	35.2	2.8	47.2	4.4	40.3	6.3	39.5	8.7
08:00	1.3	48.0	2.6	48.2	4.1	42.8	6.2	39.0	8.8
08:15	1.1	68.8	2.8	43.0	4.2	40.1	6.2	36.7	8.9
08:30	1.8	41.0	2.8	38.7	4.5	37.1	6.4	36.1	8.7
08:45	1.7	50.6	2.7	36.5	4.1	36.7	5.8	38.0	7.6
09:00	1.6	50.7	3.1	44.1	3.6	40.2	5.4	45.3	6.8
09:15	1.3	55.6	2.8	49.0	3.4	44.8	5.1	51.9	6.4
09:30	1.7	74.2	2.5	52.4	3.0	45.4	4.2	44.3	4.6
09:45	2.6	84.2	2.9	69.0	2.8	59.9	3.6	53.4	3.9
10:00	2.3	87.1	2.8	71.8	3.4	68.2	3.6	64.0	4.1
10:15	3.4	84.2	3.7	68.6	4.5	64.3	4.6	60.2	4.5
10:30	4.7	83.0	3.9	61.8	4.7	55.4	4.9	53.4	4.9
10:45	3.3	81.4	3.9	57.3	4.6	52.4	4.4	54.3	4.8
11:00	1.7	57.3	3.8	52.3	4.4	46.9	4.5	49.3	4.6
11:15	2.0	40.3	4.3	38.3	5.1	39.5	5.1	39.6	5.5
11:30	3.1	39.3	5.4	46.2	5.6	45.0	5.9	43.8	6.5
11:45	3.4	34.4	5.4	45.7	5.5	40.4	6.3	40.5	6.5
12:00	5.9	45.3	5.3	52.3	6.3	42.9	6.5	42.7	6.4
12:15	5.9	49.2	5.3	64.9	6.0	57.3	5.6	57.7	5.1

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	29.6	13.1	32.0	15.3	41.3	16.9	48.0	15.7	43.3
00:15	33.3	13.6	35.4	16.4	46.3	16.5	48.4	16.2	49.0
00:30	35.8	14.7	38.7	15.4	44.5	15.0	44.0	16.3	49.0
00:45	36.8	13.9	39.4	13.7	41.0	16.1	47.0	16.4	50.0
01:00	38.1	13.2	38.8	13.3	41.7	17.3	50.7	16.6	50.5
01:15	40.5	13.4	41.0	13.6	46.7	14.6	46.3	19.5	54.0
01:30	41.5	13.3	41.7	14.3	48.4	16.0	50.0	19.4	54.0
01:45	41.6	12.8	42.2	13.6	45.8	17.0	53.0	19.3	55.0
02:00	43.9	12.0	49.1	16.9	53.1	20.0	57.0	19.0	55.2
02:15	45.7	12.6	55.9	17.0	54.0	19.8	57.0	18.8	55.3
02:30	45.7	12.1	49.3	17.0	54.0	19.5	57.0	18.5	55.5
02:45	44.6	11.5	44.6	17.3	55.0	19.3	57.0	18.3	55.6
03:00	41.5	13.6	42.2	17.5	55.0	19.0	57.0	18.0	55.8
03:15	44.5	14.1	43.7	17.7	56.1	18.8	58.0	17.8	55.9
03:30	43.9	14.0	39.0	16.5	52.0	18.5	58.0	17.5	56.1
03:45	40.9	13.9	36.2	15.0	48.0	18.3	58.0	17.3	56.2
04:00	41.9	13.4	45.0	14.1	43.3	18.0	58.0	17.0	56.4
04:15	43.3	12.7	47.4	14.4	48.7	17.8	58.0	16.8	56.5
04:30	47.2	12.1	52.0	14.3	49.0	17.5	58.0	16.5	56.7
04:45	51.0	12.6	56.2	14.3	49.0	17.3	58.0	16.3	56.8
05:00	51.3	11.8	57.8	14.3	50.0	17.0	58.0	16.0	57.0
05:15	53.6	10.6	55.9	14.0	50.0	16.5	58.0	15.8	57.1
05:30	56.7	12.5	54.6	14.0	50.0	16.0	58.0	15.5	57.3
05:45	49.2	11.2	46.8	13.8	50.0	15.5	58.0	15.3	57.4
06:00	40.9	11.9	45.8	13.8	51.0	15.0	58.0	15.0	57.6
06:15	40.9	12.7	40.0	13.5	51.0	14.5	59.0	14.8	57.7
06:30	42.6	11.8	39.3	13.5	51.0	14.0	59.0	14.5	57.9
06:45	42.8	13.0	48.9	13.5	51.0	13.5	59.0	14.3	58.0
07:00	41.6	11.7	42.7	13.3	52.0	13.0	59.0	14.0	58.2
07:15	40.0	10.3	37.2	13.0	52.0	12.5	59.0	13.8	58.3
07:30	38.1	10.2	37.2	12.8	52.0	12.0	59.0	13.5	58.5
07:45	34.5	10.2	47.0	12.5	52.0	11.5	59.0	13.3	58.6
08:00	33.4	9.5	42.4	12.4	52.5	11.0	59.0	13.0	58.8
08:15	35.7	10.2	42.9	11.7	47.8	10.5	59.0	12.8	58.9
08:30	38.5	10.7	48.5	12.5	46.5	10.0	59.0	12.5	59.1
08:45	41.1	9.6	45.4	13.3	45.5	9.5	59.0	12.3	59.2
09:00	50.0	8.5	47.7	11.7	43.2	9.3	59.0	12.0	59.4
09:15	55.4	7.5	55.6	10.3	49.8	9.0	59.0	11.8	59.5
09:30	46.9	6.0	57.4	8.9	57.4	8.8	59.0	11.5	59.7
09:45	45.4	5.0	52.7	8.0	61.2	8.5	59.0	11.0	61.9
10:00	58.1	4.7	56.5	6.7	53.8	8.3	59.5	8.4	53.9
10:15	63.6	5.5	69.4	6.3	57.1	8.5	61.5	8.5	43.7
10:30	56.6	6.3	64.1	7.3	57.6	8.5	57.5	9.2	46.3
10:45	54.9	5.5	56.4	6.7	53.6	7.4	46.3	9.9	44.3
11:00	45.9	5.3	51.8	7.2	44.1	8.3	40.1	10.8	43.4
11:15	33.3	6.5	36.9	9.0	38.4	9.7	37.3	10.0	48.0
11:30	38.3	7.2	37.0	8.6	40.4	9.7	45.0		
11:45	40.0	6.6	42.2	7.9	45.7	9.2	53.8		
12:00	40.0	6.4	39.6	8.0	50.6	7.8	47.7		
12:15	50.9	5.5	53.5	7.3	51.1	7.2	48.7		

Daily Summary Report

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6/7/2017

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	16.6	49.8	18.5	55.3	18.6	52.1
00:15	16.6	51.0	18.4	55.0		
00:30	17.0	51.0	18.3	54.0		
00:45	17.3	52.0	18.2	54.0		
01:00	17.5	52.0	18.0	53.5		
01:15	19.6	50.3	19.0	52.0		
01:30	19.0	50.7				
01:45	16.9	51.7				
02:00	16.8	51.8				
02:15	16.6	51.8				
02:30	16.4	51.8				
02:45	16.3	51.8				
03:00	16.1	51.8				
03:15	16.0	51.8				
03:30	15.8	51.8				
03:45	15.7	51.8				
04:00	15.6	51.8				
04:15	15.4	51.8				
04:30	15.3	51.8				
04:45	15.1	51.8				
05:00	14.9	51.8				
05:15	14.8	51.8				
05:30	14.7	51.8				
05:45	14.5	51.8				
06:00	14.3	51.8				
06:15	14.2	51.8				
06:30	14.1	51.8				
06:45	13.9	51.8				
07:00	13.8	51.8				
07:15	13.6	51.8				
07:30	13.4	51.8				
07:45	13.3	51.8				
08:00	13.2	51.8				
08:15	13.0	51.8				
08:30	12.8	51.8				
08:45	12.7	51.8				
09:00	12.6	51.8				
09:15	12.4	51.8				
09:30	12.3	51.8				
09:45	12.1	51.8				
10:00	11.4	51.9				
10:15	13.9	53.6				
10:30	15.8	54.8				
10:45						
11:00						
11:15						
11:30						
11:45						
12:00						
12:15						

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30						
12:45						
13:00						
13:15						
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20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45	17.3	47.7	17.2	55.1		
23:00	16.6	49.0	18.4	54.3	16.1	50.4
23:15						
23:30						
23:45						
Avg	15.0	51.6	18.3	54.2	17.4	51.3
Max	19.6	54.8	19.0	55.3	18.6	52.1
Hr. of Max	05	42	05	00	00	00
Min	11.4	47.7	17.2	52.0	16.1	50.4
Count	45	45	8	8	2	2
Total						