

Daily Summary Report

Site: ORNL Sodar

7/29/2018

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	1.6	15.9	3.1	14.3	5.0	13.5	6.5	9.7	5.8
00:15	1.9	14.5	2.6	24.3	4.5	18.7	6.2	15.9	7.3
00:30	1.8	20.0	2.8	29.3	4.4	23.0	5.7	19.4	6.7
00:45	1.9	18.6	2.6	32.7	4.0	27.6	5.3	22.3	6.3
01:00	1.3	32.8	2.0	49.0	3.4	35.3	5.0	29.0	6.8
01:15	1.2	47.7	2.4	52.8	3.7	39.1	5.5	34.0	7.6
01:30	2.0	32.6	2.7	50.3	4.0	40.4	5.9	36.3	8.5
01:45	2.0	38.9	2.9	51.9	4.0	41.1	6.0	37.9	8.8
02:00	2.0	37.6	3.2	50.7	4.5	39.3	6.4	37.2	9.3
02:15	1.8	63.4	2.9	46.5	4.5	38.7	6.4	37.5	8.9
02:30	2.5	33.2	2.5	45.2	4.2	40.3	6.2	39.5	8.2
02:45	2.8	32.1	2.6	49.0	4.2	42.4	6.1	41.4	7.8
03:00	1.8	50.6	3.2	54.0	4.6	47.2	6.5	43.8	7.4
03:15	1.9	49.6	3.5	53.9	4.9	48.2	6.9	44.9	7.6
03:30	2.1	43.8	3.4	45.0	5.1	42.3	6.8	41.4	7.9
03:45	2.3	49.2	3.5	42.9	5.2	42.2	6.7	42.2	8.1
04:00	2.2	53.4	3.7	48.7	5.1	45.5	6.7	45.1	8.3
04:15	2.8	44.6	3.9	53.1	5.3	45.0	6.7	43.7	8.5
04:30	3.0	43.9	3.7	48.2	5.3	43.3	6.8	41.9	8.3
04:45	2.9	45.5	3.8	45.7	5.3	41.9	7.0	42.2	8.0
05:00	2.6	47.8	3.8	45.2	5.2	40.0	7.0	42.4	8.2
05:15	2.3	43.6	3.7	41.1	5.1	39.5	6.7	41.6	8.4
05:30	2.2	36.9	3.6	37.7	4.9	38.0	6.2	38.9	7.8
05:45	2.0	43.0	3.2	34.6	4.6	34.1	6.0	36.4	8.0
06:00	2.2	37.9	3.1	36.0	4.6	33.7	6.3	33.9	8.5
06:15	2.4	49.8	3.5	36.5	5.0	34.9	7.0	33.5	8.8
06:30	2.4	62.1	3.8	46.0	5.3	39.7	7.3	39.4	9.1
06:45	2.7	59.0	3.9	52.6	5.5	41.8	7.4	41.9	9.1
07:00	2.5	56.5	3.8	55.1	5.6	43.1	7.2	41.3	9.1
07:15	2.4	43.6	3.8	54.8	5.3	43.2	6.9	39.8	9.3
07:30	2.4	40.2	3.9	49.4	5.1	40.0	7.0	37.4	9.5
07:45	2.5	31.2	3.5	36.3	5.0	33.7	6.9	32.9	9.0
08:00	2.5	24.8	3.1	27.5	5.0	30.8	7.0	30.5	7.7
08:15	1.8	30.0	2.6	29.6	4.4	31.4	6.5	31.9	7.4
08:30	1.5	37.5	2.3	38.8	3.9	36.9	5.8	36.1	7.6
08:45	2.3	51.0	2.3	59.3	4.1	53.3	5.8	48.7	7.8
09:00	3.3	84.2	2.8	65.8	4.7	65.3	6.3	60.8	7.8
09:15	3.1	85.8	2.5	63.0	4.3	68.5	5.7	68.1	6.9
09:30	3.8	86.0	2.9	71.6	4.4	72.0	5.5	75.3	6.0
09:45	3.8	86.2	3.9	78.2	4.2	78.4	4.9	84.5	4.9
10:00	1.9	85.1	2.3	86.1	2.7	86.6	3.3	89.4	3.3
10:15	1.1	80.5	1.5	67.0	1.9	62.1	2.1	67.3	2.2
10:30	1.8	81.5	2.3	64.2	2.1	59.5	2.1	67.4	2.3
10:45	2.0	81.2	2.3	74.5	2.2	78.1	2.3	76.8	2.3
11:00	2.5	78.2	2.8	74.6	2.7	78.6	2.6	75.8	2.1
11:15	3.0	85.0	3.3	75.5	3.1	74.9	3.1	70.6	2.8
11:30	2.8	80.3	3.5	58.2	3.3	63.5	3.5	57.7	3.0
11:45	2.5	77.8	2.7	63.2	3.1	66.6	3.0	59.4	2.7
12:00	2.8	93.4	2.5	86.9	2.8	81.1	2.4	72.1	1.7
12:15	3.1	96.5	2.9	98.8	2.7	90.5	2.2	73.3	1.9

Daily Summary Report

Site: ORNL Sodar

7/29/2018

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	3.1	4.7	3.3						
00:15	6.2	6.5	4.0						
00:30	10.7	7.7	3.5						
00:45	18.1	8.4	6.5						
01:00	21.7	9.6	6.3	12.1	.5				
01:15	28.9	8.5	25.0						
01:30	33.1	7.6	41.4						
01:45	33.4	8.5	38.0						
02:00	34.0	10.0	34.0						
02:15	34.2	10.9	30.4						
02:30	36.6	10.3	30.1						
02:45	35.5	10.2	29.2						
03:00	29.7	10.0	15.5						
03:15	40.8	9.5	34.5						
03:30	42.2	9.3	44.2						
03:45	41.2	10.0	39.8						
04:00	42.8	10.6	40.9						
04:15	43.6	11.0	44.0	14.8	30.0				
04:30	46.2	11.4	42.8	15.0	32.0				
04:45	48.4	12.0	39.8	15.3	34.0				
05:00	45.4	11.6	38.2	15.6	36.1				
05:15	41.4	11.5	39.9	14.0	38.0				
05:30	41.5	9.5	41.9	13.0	41.0				
05:45	37.9	9.6	37.1	12.1	43.6				
06:00	35.5	10.2	31.7	12.7	40.8				
06:15	36.1	10.0	35.6	13.0	42.0				
06:30	38.8	9.6	53.0	13.5	43.0				
06:45	41.7	10.5	45.0	13.5	44.0				
07:00	40.8	11.8	39.1	14.0	45.0				
07:15	37.6	11.0	43.3	14.1	46.4				
07:30	32.5	10.0	40.9	12.0	47.0				
07:45	23.8	9.5	34.0	10.0	47.0				
08:00	25.1	8.8	28.3	9.0	48.0				
08:15	30.5	7.6	34.4	8.0	48.0				
08:30	36.4	7.5	31.8	7.6	49.1				
08:45	49.1	7.8	40.8	8.1	57.6				
09:00	60.0	8.0	64.2	9.6	69.1				
09:15	65.8	8.0	69.7	10.0	75.2				
09:30	75.5	7.7	78.6	10.2	81.0				
09:45	84.7	6.7	86.9	8.8	82.9				
10:00	88.3	4.5	90.6	6.9	88.0				
10:15	78.8	2.5	84.5	5.3	91.4	6.3	82.4	7.2	74.1
10:30	75.6	2.4	74.6	4.3	84.0	5.1	79.7	6.2	81.3
10:45	76.6	2.1	72.7	3.6	68.3	4.6	65.2	6.3	68.8
11:00	73.7	2.6	62.5	3.3	48.9	4.4	46.3	5.8	55.3
11:15	72.3	3.8	63.1	4.1	49.8	4.5	43.3	5.6	49.8
11:30	46.4	3.3	47.2	4.4	36.5	4.5	41.9	7.0	47.9
11:45	45.1	2.4	39.0	3.9	33.4	4.6	37.0	6.8	48.9
12:00	72.3	1.7	63.0	3.0	41.5	6.3	36.4	5.6	45.8
12:15	64.7	1.7	58.0	1.7	34.1	3.3	25.9	3.3	25.5

Daily Summary Report

Site: ORNL Sodar

7/29/2018

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						
11:00						
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	2.4	60.5				
12:45	3.7	80.5				
13:00						
13:15						
13:30						
13:45						
14:00						
14:15						
14:30						
14:45						
15:00						
15:15						
15:30						
15:45						
16:00						
16:15						
16:30						
16:45						
17:00						
17:15						
17:30						
17:45						
18:00						
18:15						
18:30						
18:45						
19:00						
19:15						
19:30						
19:45						
20:00						
20:15						
20:30						
20:45						
21:00						
21:15						
21:30						
21:45						
22:00						
22:15						
22:30						
22:45						
23:00						
23:15						
23:30						
23:45						
Avg	3.1	70.5				
Max	3.7	80.5				
Hr. of Max	51	51				
Min	2.4	60.5				
Count	2	2	0	0	0	0
Total						