

Daily Summary Report

Site: ORNL Sodar

6/23/2018

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	.4	240.5	2.6	253.6	2.3	246.8	3.5	234.4	5.1
00:15	.4	214.0	2.6	256.9	2.3	255.6	2.9	242.9	4.9
00:30	.6	239.6	2.5	249.8	2.4	258.7	3.4	247.9	5.7
00:45	.7	246.9	2.0	243.9	2.1	256.0	3.8	249.3	5.8
01:00	.4	242.1	1.3	244.2	2.4	247.1	3.8	244.1	5.7
01:15	.2	263.9	2.0	249.0	3.4	246.3	4.8	243.5	6.7
01:30	.9	237.0	2.9	244.5	4.3	242.3	5.6	237.5	7.4
01:45	2.8	253.8	3.4	237.3	4.7	238.7	6.0	228.5	7.3
02:00	2.0	256.7	3.5	230.0	5.0	231.4	6.2	225.4	7.7
02:15	1.1	238.0	3.3	223.4	4.6	224.5	5.6	223.0	7.5
02:30	1.8	216.2	3.1	222.2	3.9	222.8	5.0	221.8	6.0
02:45	2.7	208.0	2.9	227.3	3.7	226.4	4.7	224.0	5.3
03:00	1.6	249.7	2.8	226.7	3.6	232.4	4.5	231.1	5.3
03:15	1.3	254.6	2.4	225.0	3.5	232.2	4.3	234.4	5.5
03:30	.9	238.8	2.0	228.4	3.0	232.9	3.8	234.2	4.7
03:45	1.0	263.3	2.1	228.1	2.5	240.3	2.7	238.9	3.0
04:00	1.2	261.2	2.0	228.3	1.5	241.3	1.0	251.1	.9
04:15	1.0	265.4	1.5	238.5	.9	239.4	.7	268.6	.9
04:30	.7	267.5	2.0	240.9	1.6	239.1	1.7	248.8	2.8
04:45	.8	260.7	2.1	238.5	2.5	243.8	3.4	251.3	4.9
05:00	1.0	264.9	1.9	239.0	2.9	244.8	4.2	248.8	5.9
05:15	.8	265.2	1.8	237.5	2.9	239.0	4.5	241.5	6.0
05:30	1.0	268.9	2.4	251.8	3.1	244.2	4.5	246.1	5.9
05:45	.9	267.5	2.7	252.8	2.7	248.0	4.1	250.1	5.6
06:00	.3	240.5	2.0	236.9	1.9	234.7	3.0	239.0	4.9
06:15	.7	216.4	1.9	222.8	2.6	226.6	3.7	232.1	5.5
06:30	1.5	218.8	2.1	221.3	3.4	229.8	4.7	233.2	5.6
06:45	1.2	205.3	2.0	219.5	2.9	227.2	4.2	229.4	5.0
07:00	1.1	187.8	1.4	213.6	2.6	218.7	4.0	217.7	5.0
07:15	1.2	192.7	1.4	220.6	2.6	219.7	4.2	218.3	5.4
07:30	1.0	193.1	1.5	219.7	2.4	223.0	4.0	220.5	5.8
07:45	.4	206.1	1.3	230.0	2.2	221.8	3.8	217.9	5.6
08:00	.3	252.5	1.4	244.1	2.0	229.3	3.4	220.6	4.9
08:15	.4	223.9	1.9	239.7	2.3	226.5	3.8	219.9	5.0
08:30	.4	233.6	1.6	234.3	2.3	223.0	3.8	220.4	5.0
08:45	.3	266.6	1.1	231.3	1.7	228.1	2.6	227.8	4.2
09:00	.4	248.9	1.3	230.5	1.8	225.8	2.5	229.5	3.6
09:15	.5	221.6	1.6	230.8	1.8	231.2	2.6	227.7	3.1
09:30	.6	238.7	1.6	245.9	1.8	233.9	2.4	233.0	2.8
09:45	.8	225.4	2.0	224.8	2.3	220.8	3.0	221.0	3.3
10:00	1.3	209.8	2.3	207.5	3.1	210.2	3.8	209.0	3.6
10:15	1.2	209.9	2.3	211.1	3.4	210.7	3.6	211.2	3.7
10:30	1.3	209.3	3.1	208.6	3.2	210.7	3.1	217.0	3.7
10:45	1.6	234.6	3.1	211.3	3.6	218.8	3.6	227.5	3.4
11:00	2.6	249.1	3.8	232.4	4.0	232.1	4.2	234.8	3.7
11:15	3.4	240.6	4.1	228.7	3.9	225.7	3.9	228.5	3.9
11:30	2.0	221.0	3.7	225.0	3.8	221.3	3.8	218.7	3.9
11:45	1.3	199.1	3.7	225.5	3.6	220.2	3.8	217.1	3.8
12:00	2.9	189.2	3.9	211.0	4.4	207.1	4.7	205.9	3.8
12:15	3.0	203.6	4.3	219.0	4.9	216.6	5.4	214.8	4.7

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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	226.6	6.8	224.4	11.3	227.9	13.4	221.0	13.5	222.0
00:15	233.2	6.8	231.8	10.5	230.9	13.4	220.1	13.6	222.2
00:30	238.9	7.5	235.4	10.2	224.3	13.0	219.5	13.6	216.9
00:45	241.1	7.6	230.3	10.9	217.3	12.7	218.0	13.4	218.0
01:00	236.1	7.8	222.1	12.4	214.0	12.4	217.5	13.1	221.1
01:15	232.0	8.6	220.7	12.6	218.4	12.8	219.3	12.7	222.3
01:30	229.9	8.8	224.6	12.3	225.3	13.2	223.3	13.2	220.3
01:45	225.2	9.1	225.2	12.2	223.0	12.4	222.5	12.6	222.9
02:00	215.8	9.0	220.2	10.9	219.5	11.9	221.2	12.4	223.0
02:15	207.7	8.8	215.4	10.6	217.6	12.1	220.9	12.3	223.0
02:30	216.5	8.4	218.6	11.3	218.0	13.0	218.0	12.2	224.0
02:45	232.7	7.7	226.1	11.9	218.1	13.7	217.1	12.0	223.0
03:00	229.9	8.3	226.8	11.0	230.0	13.4	214.6	11.8	224.0
03:15	224.4	7.8	233.5	9.5	234.6	13.5	214.0	11.7	225.0
03:30	243.2	6.7	242.2	10.0	233.0	13.5	214.0	11.6	226.0
03:45	256.8	5.7	260.5	10.5	232.0	13.8	214.0	11.4	226.0
04:00	260.4	4.8	253.2	10.5	231.0	13.8	213.0	11.3	227.0
04:15	262.8	4.6	253.1	10.8	230.0	14.0	213.0	11.2	227.0
04:30	252.1	5.7	253.1	11.0	229.0	14.0	213.0	11.1	228.0
04:45	258.0	6.4	251.2	11.3	228.0	14.3	212.0	10.9	228.0
05:00	257.0	6.8	255.9	11.5	227.0	14.3	212.0	10.8	229.0
05:15	252.9	6.9	253.8	11.8	226.0	14.5	212.0	10.8	229.0
05:30	254.3	7.5	254.6	12.0	225.0	14.5	212.0	10.7	230.0
05:45	255.0	8.0	256.1	12.3	224.0	14.8	212.0	10.6	230.0
06:00	246.1	7.3	251.3	12.5	223.0	14.8	211.0	10.4	231.0
06:15	237.2	7.9	243.2	12.8	222.0	15.0	211.0	10.3	232.0
06:30	237.9	7.1	254.1	13.0	221.0	15.0	211.0	10.1	232.0
06:45	236.4	4.8	243.8	13.3	220.0	15.3	211.0	10.0	232.0
07:00	230.6	5.2	237.9	13.5	219.0	15.3	211.0	9.9	233.0
07:15	226.3	6.0	237.6	13.8	218.0	15.3	210.0	9.8	233.0
07:30	227.1	7.1	232.8	14.0	218.0	15.5	210.0	9.7	233.0
07:45	226.3	7.4	229.0	14.3	217.0	15.8	210.0	9.6	233.0
08:00	225.6	7.7	223.6	14.6	216.7	16.0	210.0	9.5	233.0
08:15	224.3	8.3	216.8	14.6	216.0	16.3	210.4	9.4	233.0
08:30	225.3	6.9	224.6	11.0	222.0	13.0	217.0	9.3	233.0
08:45	226.0	5.1	233.2	8.0	228.0	10.0	224.0	9.2	233.0
09:00	224.8	4.0	238.2	6.3	236.3	8.2	232.6	9.4	233.5
09:15	228.5	3.7	239.0	6.3	230.9	7.8	226.1	9.3	226.2
09:30	230.4	3.8	234.7	6.2	226.0	7.0	228.0	8.0	230.0
09:45	222.0	4.2	222.0	6.1	222.7	6.0	231.0	7.0	235.0
10:00	212.1	4.0	214.4	5.2	223.2	5.9	233.6	6.8	239.5
10:15	208.6	4.0	209.6	5.4	220.4	6.1	233.4	6.9	237.8
10:30	208.7	3.9	205.4	6.3	214.4	6.4	235.1	8.4	231.9
10:45	219.8	3.5	213.3	5.9	220.2	6.5	232.8	8.1	227.5
11:00	232.2	4.1	224.5	5.3	229.8	6.5	231.3	7.0	240.0
11:15	230.4	4.4	221.0	5.5	232.7	6.2	236.4	7.5	245.0
11:30	209.8	4.9	209.1	5.8	221.8	7.7	229.9	7.6	244.0
11:45	208.8	4.4	209.1	6.4	215.7	7.9	234.3	7.8	243.0
12:00	209.1	4.3	209.2	6.2	217.9	7.0	237.7	7.9	242.0
12:15	213.8	5.2	212.4	6.1	219.9	7.5	233.8	8.1	241.0

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6/23/2018

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	14.0	221.0				
00:15	14.0	223.8				
00:30	14.0	223.0				
00:45	14.2	222.0				
01:00	14.4	221.4				
01:15	14.2	221.0				
01:30	14.0	220.0				
01:45	13.8	219.3				
02:00	13.7	219.8				
02:15	13.6	220.3				
02:30	13.4	220.8				
02:45	13.3	221.3				
03:00	13.1	221.8				
03:15	12.9	222.3				
03:30	12.8	222.8				
03:45	12.7	223.3				
04:00	12.5	223.8				
04:15	12.3	224.3				
04:30	12.2	224.8				
04:45	12.1	225.3				
05:00	11.9	225.8				
05:15	11.8	226.3				
05:30	11.6	226.8				
05:45	11.4	227.3				
06:00	11.3	227.8				
06:15	11.2	228.3				
06:30	11.0	228.8				
06:45	10.8	229.3				
07:00	10.7	229.8				
07:15	10.6	230.3				
07:30	10.4	230.8				
07:45	10.3	231.3				
08:00	10.1	231.8				
08:15	9.9	232.3				
08:30	9.7	232.8				
08:45	9.4	233.3				
09:00	9.2	233.8				
09:15	8.9	234.3				
09:30	8.7	234.8				
09:45	8.4	235.3				
10:00	8.5	237.2				
10:15	8.5	238.0				
10:30	8.5	239.0				
10:45	8.5	240.2				
11:00	8.0	249.2				
11:15	8.2	248.9				
11:30	8.3	248.6				
11:45	8.4	248.3				
12:00	8.6	248.0				
12:15	8.8	247.7				

	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30	8.9	247.4				
12:45	9.1	247.1				
13:00	9.2	246.8				
13:15	9.3	246.5				
13:30	9.5	246.2				
13:45	9.7	245.9				
14:00	9.8	245.6				
14:15	9.9	245.3				
14:30	10.1	245.0				
14:45	10.3	244.7				
15:00	10.4	244.4				
15:15	10.6	244.1				
15:30	10.7	243.8				
15:45	10.8	243.5				
16:00	11.0	243.2				
16:15	11.2	242.9				
16:30	11.3	242.6				
16:45	11.4	242.3				
17:00	11.6	242.0				
17:15	11.8	241.7				
17:30	11.9	241.4				
17:45	12.1	241.1				
18:00	12.2	240.8				
18:15	12.3	240.5				
18:30	12.5	240.2				
18:45	12.7	239.9				
19:00	13.6	241.0				
19:15	13.5	239.0				
19:30	13.5	237.0				
19:45	13.5	236.0				
20:00	13.5	235.0				
20:15	13.5	233.0				
20:30	13.5	232.0				
20:45	13.5	230.0				
21:00	13.5	229.0				
21:15	13.5	227.0				
21:30	13.5	226.0				
21:45	13.5	225.0				
22:00	13.5	223.0				
22:15	13.4	220.0	14.8	222.9	16.5	223.1
22:30	13.8	225.5	15.1	228.1	15.4	229.4
22:45	14.5	227.8	15.1	228.0	15.6	225.8
23:00	15.6	225.4	15.9	223.1	16.9	224.0
23:15	15.7	224.4	15.9	222.8	16.2	227.3
23:30	14.5	224.4	16.1	227.2	15.1	226.4
23:45	14.8	224.0	15.5	226.0	15.0	226.0
Avg	11.6	233.5	15.5	225.4	15.8	226.0
Max	15.7	249.2	16.1	228.1	16.9	229.4
Hr. of Max	93	44	94	90	92	90
Min	8.0	219.3	14.8	222.8	15.0	223.1
Count	96	96	7	7	7	7
Total						