

Daily Summary Report

Site: ORNL Sodar

12/23/2017

Interval: 015m

	03_Ht	04_WS060m	05_WDir060m	06_WS100m	07_WDir100m	08_WS140m	09_WDir140m	10_WS180m	11_WDir180m
Hour	METERS	M/SEC	DEG	M/SEC	DEG	KPH	DEG	M/SEC	DEG
00:00	100	.5	296.8	.8	82.0	.7	133.4	1.6	170.7
00:15	100	.6	300.8	.8	84.0	.7	119.1	1.5	164.0
00:30	100	.7	258.6	.8	86.3	.5	168.4	1.7	186.0
00:45	100	.6	257.5	.7	79.3	.8	203.0	2.2	204.1
01:00	100	.8	212.2	.6	109.7	1.5	188.7	3.0	197.0
01:15	100	1.7	191.0	1.0	149.9	2.6	188.9	4.8	192.1
01:30	100	1.6	192.4	1.4	174.4	3.3	197.8	5.9	197.2
01:45	100	1.4	204.4	1.3	191.7	3.5	211.4	5.8	204.2
02:00	100	1.3	235.4	1.5	232.2	3.7	227.0	5.1	214.8
02:15	100	1.1	256.4	1.4	234.5	3.4	229.0	4.8	217.8
02:30	100	1.1	225.1	2.0	198.8	3.1	223.8	4.8	213.4
02:45	100	1.6	216.9	2.7	201.7	3.4	216.6	5.2	208.3
03:00	100	1.8	211.8	1.6	209.3	3.7	206.5	5.8	202.7
03:15	100	2.2	205.6	1.8	191.8	4.0	201.0	6.4	199.2
03:30	100	2.3	209.3	2.1	193.2	4.0	201.3	6.4	200.6
03:45	100	1.9	198.2	2.5	197.9	4.5	202.3	6.7	202.8
04:00	100	2.6	197.3	2.8	209.1	4.9	204.3	7.3	203.4
04:15	100	2.9	209.6	3.9	215.2	5.8	207.0	8.1	204.6
04:30	100	3.8	210.0	5.9	209.4	7.8	204.9	9.6	203.7
04:45	100	6.1	198.5	7.8	206.3	9.1	203.0	10.3	205.3
05:00	100	5.8	186.0	8.0	204.5	10.6	198.8	11.6	205.8
05:15	100	6.6	183.2	8.5	198.4	11.5	197.0	12.2	203.8
05:30	100	7.2	184.2	7.3	198.6	10.3	202.2	11.6	209.7
05:45	100	5.7	186.2	7.8	198.6	10.3	204.7	11.5	210.4
06:00	100	5.7	193.9	10.4	192.9	12.3	204.9	12.5	209.7
06:15	100	6.9	188.5	11.4	189.5	12.6	202.9	12.1	207.8
06:30	100	5.5	188.1	13.9	190.9	12.3	202.1	11.9	206.5
06:45	100	5.4	188.0	13.9	192.4	12.2	201.6	12.3	204.9
07:00	100	5.2	187.0	11.7	189.0	11.5	201.0	12.3	202.6
07:15	100	5.0	187.0	11.4	190.1	11.3	206.1	12.3	207.4
07:30	100	4.8	186.0	12.2	195.4	12.8	209.3	13.3	213.1
07:45	100	4.6	186.0	10.8	194.2	12.4	207.1	13.8	212.8
08:00	100	4.4	186.0	9.7	200.2	11.5	206.1	14.1	210.7
08:15	100	4.2	186.0	8.3	195.9	10.7	204.3	13.0	208.5
08:30	100	4.0	186.0	11.9	194.4	11.2	205.0	12.8	207.2
08:45	100	3.8	186.0	11.1	197.2	12.5	208.5	13.4	209.8
09:00	100	3.6	186.0	9.3	199.0	11.7	209.0	12.6	207.9
09:15	100	3.4	186.0	9.6	206.2	11.0	200.8	12.0	201.0
09:30	100	3.3	186.0	9.5	195.8	11.9	196.5	12.7	199.2
09:45	100	3.1	186.0	10.2	191.0	12.1	193.4	13.8	198.4
10:00	100	3.0	186.0	10.8	195.0	12.4	195.8	13.6	203.4
10:15	100	2.7	186.0	9.4	197.3	12.5	202.2	14.8	210.7
10:30	100	2.5	185.9	8.4	197.0	10.8	201.7	12.5	213.1
10:45	100	3.9	195.6	6.4	201.1	10.1	213.5	11.9	221.1
11:00	100	3.1	250.1	5.1	243.0	9.8	228.0	11.6	230.8
11:15	100	1.6	235.2	3.8	204.8	9.7	207.3	10.9	215.6
11:30	100	1.3	248.0	3.5	212.9	7.3	201.2	10.3	205.3
11:45	100	1.1	255.3	2.7	247.7	7.1	212.0	10.1	215.0
12:00	100	1.5	234.6	3.8	213.3	6.9	224.7	10.0	223.5
12:15	100	2.3	237.3	5.2	220.6	7.2	217.7	10.9	214.5

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Interval: 015m

	12_WS240m	13_WDir240m	14_WS300m	15_WDir300m	16_WS400m	17_WDir400m	18_WS500m	19_WDir500m	20_WS600m
Hour	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC
00:00	1.5	201.9	1.0	223.2	1.1	222.0	2.2	194.0	
00:15	1.4	200.7	1.3	210.6	1.2	210.8	1.7	201.7	
00:30	2.6	200.8	3.1	200.0	5.8	192.5	4.0	200.0	
00:45	3.6	204.4	3.0	206.7	6.4	196.5	8.0	199.0	
01:00	5.1	197.4	6.0	195.3	10.0	193.0	12.0	197.0	
01:15	7.7	193.4	10.0	191.8	13.3	191.0	15.2	196.0	
01:30	8.8	193.7	11.1	190.1	14.8	191.8	16.4	197.0	22.8
01:45	8.5	194.4	11.1	190.9	15.5	189.4	17.1	196.6	20.1
02:00	7.8	200.6	10.4	195.0	14.1	189.8	18.0	198.0	20.5
02:15	7.3	205.2	10.1	197.4	12.1	197.8	19.0	201.0	21.0
02:30	7.2	202.8	10.1	198.6	14.8	200.2	20.7	202.1	21.5
02:45	8.0	200.6	10.9	199.8	15.2	204.1	22.0	203.4	22.0
03:00	9.0	200.2	12.3	201.3	15.7	206.4	20.8	205.5	22.5
03:15	9.6	199.6	12.8	202.4	16.3	205.2	20.2	203.2	23.0
03:30	9.3	200.0	12.0	202.0	15.6	202.6	19.6	202.6	23.4
03:45	9.8	200.6	12.4	202.6	16.1	202.6	20.8	200.6	22.0
04:00	10.2	201.7	12.8	202.9	16.4	202.4	21.4	199.8	21.0
04:15	10.4	204.1	12.9	201.1	15.9	200.2	20.1	200.7	20.0
04:30	12.5	202.0	14.3	199.7	16.4	200.8	18.9	201.5	19.5
04:45	12.5	201.7	14.0	201.0	17.3	206.4	19.1	208.1	19.0
05:00	13.0	205.6	14.5	207.3	17.9	209.9	18.0	214.0	18.5
05:15	14.8	207.8	15.7	210.3	18.1	211.6	17.0	220.0	18.0
05:30	14.8	212.4	17.0	210.8	18.1	209.7	16.5	225.7	17.5
05:45	14.4	212.3	17.5	210.2	18.8	208.4	16.0	222.0	15.8
06:00	14.2	206.0	16.4	207.1	18.1	211.7	18.8	220.9	16.0
06:15	13.9	204.6	15.4	205.5	17.5	216.0	16.6	228.4	16.0
06:30	15.0	211.1	15.4	211.0	18.3	214.4	16.0	227.0	16.3
06:45	14.8	208.2	15.6	215.7	18.0	215.0	16.0	226.0	16.3
07:00	12.8	204.4	15.3	211.2	17.7	216.0	15.5	225.0	16.5
07:15	12.6	210.8	14.7	211.4	17.4	217.0	15.5	224.0	17.0
07:30	13.4	214.3	15.7	220.3	17.1	218.4	15.1	222.8	17.2
07:45	14.2	213.5	15.1	218.5	16.4	219.7	15.0	222.0	17.0
08:00	14.7	213.2	14.8	218.9	16.0	218.1	15.0	222.0	16.9
08:15	14.9	211.3	15.3	220.1	17.5	212.0	15.0	221.0	16.9
08:30	15.1	210.9	14.9	216.2	14.9	214.5	14.9	221.0	16.8
08:45	14.7	212.3	14.7	216.0	13.4	220.8	14.9	220.0	16.8
09:00	13.1	210.8	14.3	214.0	14.0	219.0	14.8	220.0	16.7
09:15	14.5	202.1	15.8	210.9	15.0	218.0	14.7	220.0	16.7
09:30	14.5	203.0	14.4	212.1	16.3	216.4	14.6	219.5	16.6
09:45	14.0	202.1	15.5	212.4	15.9	215.3	14.2	221.2	14.0
10:00	13.3	204.3	17.3	215.2	15.0	215.0	14.1	218.4	13.6
10:15	15.0	216.1	16.4	211.9	14.1	216.4	15.0	224.0	
10:30	14.3	215.7	13.3	214.9	17.0	226.0	17.0	228.0	
10:45	13.4	228.6	15.6	233.7	20.0	236.7	18.5	234.4	
11:00	13.7	231.2	15.4	231.3	19.8	231.4	18.8	226.1	
11:15	12.3	219.0	15.0	226.0	18.5	222.0	18.8	226.0	
11:30	12.2	221.0	14.5	225.0	18.0	222.0	18.7	225.0	
11:45	12.0	223.0	14.0	223.0	17.0	223.0	18.6	225.0	
12:00	11.7	224.0	13.2	222.0	17.0	223.3	18.6	224.3	
12:15	12.3	219.7	14.3	221.2	16.5	222.0	18.3	223.1	

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12/23/2017

Interval: 015m

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
00:00							
00:15							
00:30							
00:45							
01:00							
01:15							
01:30	201.3						
01:45	201.6						
02:00	202.0						
02:15	203.0						
02:30	204.0						
02:45	204.0						
03:00	205.0						
03:15	205.0						
03:30	205.9						
03:45	207.0						
04:00	210.0						
04:15	213.0						
04:30	215.0						
04:45	218.0						
05:00	221.0						
05:15	224.0						
05:30	227.7						
05:45	228.0						
06:00	229.0						
06:15	229.0						
06:30	230.0						
06:45	230.0						
07:00	231.0						
07:15	232.0						
07:30	232.7	14.9	227.7				
07:45	231.0	15.0	227.0				
08:00	230.0	15.2	227.0				
08:15	230.0	15.2	227.0				
08:30	230.0	15.3	226.0				
08:45	230.0	15.4	226.0				
09:00	229.0	15.5	226.0				
09:15	229.0	15.5	225.0				
09:30	228.7	15.6	225.0				
09:45	220.6	15.6	224.2	16.1	225.3	15.3	221.9
10:00	220.7	16.3	225.0	15.0	220.0	14.0	215.5
10:15							
10:30							
10:45							
11:00							
11:15							
11:30							
11:45							
12:00							
12:15							

	21_WDir600m	22_WS700m	23_WDir700m	24_WS800m	25_WDir800m	26_WS900m	27_WDir900m
Hour	DEG	M/SEC	DEG	M/SEC	DEG	M/SEC	DEG
12:30							
12:45							
13:00							
13:15							
13:30							
13:45							
14:00							
14:15							
14:30							
14:45							
15:00							
15:15	301.6						
15:30	323.1	9.7	324.9	11.1	322.2		
15:45	337.7	7.3	348.1	10.0	325.0		
16:00	356.8	6.3	346.7	9.0	328.0		
16:15	1.3	6.4	345.0	8.0	332.3	9.5	330.9
16:30	338.4			6.4	349.3	7.4	341.0
16:45	334.9						
17:00	1.9						
17:15	1.0						
17:30	1.0						
17:45	360.0						
18:00	360.0						
18:15	359.0						
18:30	359.0						
18:45	358.0						
19:00	357.5						
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	2.6						
Avg	227.7	13.3	256.7	10.8	300.3	11.6	277.3
Max	360.0	16.3	348.1	16.1	349.3	15.3	341.0
Hr. of Max	72	40	63	39	66	39	66
Min	1.0	6.3	224.2	6.4	220.0	7.4	215.5
Count	52	15	15	7	7	4	4
Total							