

PM 2.5 MONITORING ANNUAL SUMMARY*

FLORENCE - 2019

24 HOUR AVERAGE CONCENTRATION, $\mu\text{g}/\text{m}^3$, LTP, via Nephelometer

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1								4.2	5.0	4.5	8.4	4.6
2								4.5	5.1	5.4	7.0	4.6
3								7.2	5.1	4.7	7.4	8.4
4								8.9	5.8	5.0	7.1	10.8
5								8.3	7.2	4.6	8.3	13.1
6								7.2	5.4	6.0	5.1	14.2
7								6.8	5.5	5.6	7.6	4.7
8								5.8	4.7	4.6	6.4	15.3
9								6.0	4.9	4.9	6.2	7.6
10								5.8	4.7	5.0	6.4	11.3
11								5.3	4.3	6.4	4.8	6.9
12								5.7	4.7	7.7	9.8	6.9
13								5.8	5.1	6.6	11.6	6.8
14								4.4	4.7	5.8	6.0	5.1
15								4.7	4.6	6.1	6.3	4.4
16								6.1	4.5	5.9	2.3	4.1
17								5.6	4.6	7.0	8.1	5.2
18								4.6	4.4	7.2	4.2	6.0
19								5.8	4.5	6.5	6.3	4.6
20							5.8	6.1	4.9	5.4	6.6	8.6
21							5.4	5.8	4.4	5.3	7.0	4.3
22							4.8	6.0	4.7	6.3	9.7	2.6
23							4.6	6.3	5.0	5.6	12.2	2.5
24							5.1	5.9	5.3	6.6	7.5	2.5
25							5.8	8.1	7.5	4.8	3.7	3.3
26							5.1	10.8	5.5	4.4	3.1	4.7
27							5.1	7.9	4.9	3.0	4.4	2.7
28							5.7	6.1	4.8	4.3	3.9	2.9
29							5.6	6.2	4.1	3.0	4.2	2.9
30							5.3	5.8	4.2	2.9	4.7	2.9
31							5.1	5.3		7.6		3.3

MONTH												
NCAP							12	31	30	31	30	31
%CAP							38.7%	100.0%	100.0%	100.0%	100.0%	100.0%
MEAN							5.3	6.2	5.0	5.4	6.5	6.1
MAX							5.8	10.8	7.5	7.7	12.2	15.3

QUARTER	Q1			Q2			Q3			Q4		
NCAP									73			92
%CAP									79.3%			100.0%
MEAN									5.6			6.0

ANNUAL							Site Statistics					
NCAP	165	HIGH	15.3	6th	11.3		Year					2019
%NCAP	45.2%	2nd	14.2	7th	10.8		Annual Mean					5.8
YMEAN	5.8	3rd	13.1	8th	10.8		Annual High					15.3
QYMEAN	5.8	4th	12.2	9th	9.8		Annual 98 %-ile					12.2
98 %-ile	12.2	5th	11.6	10th	9.7		3 Year 98 %-ile					

*Includes Wildfire Data