

PM 2.5 MONITORING ANNUAL SUMMARY*

FLORENCE - 2021

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	2.2	2.0	5.0	5.0	2.8	6.1	5.4	3.8	4.3	5.1	4.9	4.3
2	6.0	2.5	5.6	3.9	4.1	3.0	5.3	5.7	4.2	4.3	5.8	4.5
3	3.5	2.9	4.0	4.5	2.3	3.6	6.1	4.5	3.8	5.7	7.3	3.6
4	4.9	2.5	3.5	3.3	3.1	3.5	5.3	3.1	3.2	7.7	4.0	4.6
5	2.7	2.1	2.8	3.4	3.8	3.1	4.5	2.8	3.7	3.9	3.1	2.3
6	3.2	2.2	2.3	3.9	3.1	4.0	4.7	2.1	6.1	2.6	3.1	2.8
7	1.8	2.8	3.3	1.9	2.8	3.8	3.4	2.8	6.9	2.6	2.1	2.4
8	4.3	2.6	2.6	3.1	2.7	2.5	2.6	4.4	3.4	2.7	3.1	2.8
9	1.7		1.9	2.8	2.7	2.1	3.4	4.8	2.4	3.2	4.0	2.8
10	4.4		1.9	3.5	3.2	2.1	3.5	6.1	3.3	2.6	4.6	2.2
11	2.8	4.4	2.7	4.6	4.9	2.3	3.2	9.6	3.9	2.6	2.0	3.3
12	5.8	1.9	4.1	5.0	3.8	3.0	3.5	8.8	4.3	3.1	1.9	3.2
13	3.7	4.5	3.7	4.0	2.9	2.2	5.9	4.4	3.9	2.7	3.3	1.8
14	2.6	3.4	2.4	3.9	3.8	2.7	3.6	2.7	4.3	4.5	2.4	2.1
15	3.4	4.2	2.7	5.3	4.5	3.1	2.7	4.2	3.8	4.3	2.9	1.7
16	3.2	4.3	2.8	4.4	3.8	2.9	2.4	6.7	4.2	4.0	2.3	3.1
17	5.3	2.9	2.8	4.2	2.0	3.2	3.0	5.3	3.6	2.9	3.8	1.8
18	5.5	2.8	2.6	3.3	3.2	3.2	3.2	6.0	2.6	3.2	5.2	1.9
19	4.1	2.7	2.5	3.9	2.3	3.5	2.9	4.7	5.2	4.6	4.0	1.8
20	4.5	3.0	3.4	5.9	3.3	4.3	2.6	4.6	4.9	7.8	2.8	1.7
21	4.8	3.2	2.7	7.0	4.1	4.4	2.5	4.2	6.8	2.9	4.6	
22	6.7	3.3	3.4	6.5	4.6	3.1	2.4	5.1	6.5	4.8	4.7	2.8
23	3.9	3.6	2.6	5.0	3.7	2.6	2.8	5.1	7.1	5.5	3.8	2.6
24	3.7	2.6	2.5	2.9	2.6	3.6	3.7	6.0	6.9	5.9	2.0	3.1
25	2.1	4.8	3.9	2.2	2.4	3.5	3.6	5.3	6.3	6.6	3.7	2.3
26	1.5	6.4	4.1	2.4	2.4	3.7	2.9	3.2	4.1	4.4	3.2	2.8
27	1.3	7.0	5.1	2.3	3.3	5.7	3.1	4.1	4.5	10.2	1.9	2.4
28	2.3	4.7	3.9	3.0	3.7	3.1	5.6	6.3	7.0	4.2	2.2	1.3
29	1.6		3.9	3.0	4.0	5.0	3.8	6.3	3.1	5.0	2.7	2.3
30	1.7		5.6	2.8	4.3	5.2	3.0	4.6	4.2	6.0	5.1	3.3
31	1.6		6.3		4.9		2.7	3.4		5.4		3.1

MONTH												
NCAP	31	26	31	30	31	30	31	31	30	31	30	30
%CAP	100.0%	92.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.8%
MEAN	3.4	3.4	3.4	3.9	3.4	3.5	3.7	4.9	4.6	4.5	3.6	2.7
MAX	6.7	7.0	6.3	7.0	4.9	6.1	6.1	9.6	7.1	10.2	7.3	4.6

QUARTER	Q1			Q2			Q3			Q4		
NCAP	88			91			92			91		
%CAP	97.8%			100.0%			100.0%			98.9%		
MEAN	3.4			3.6			4.4			3.6		

ANNUAL							Site Statistics					
NCAP	362	HIGH	10.2	6th	7.3		Year			2019	2020	2021
%NCAP	99.2%	2nd	9.6	7th	7.1		Annual Mean			5.8	7.7	3.8
YMEAN	3.8	3rd	8.8	8th	7.0		Annual High			15.3	425.3	10.2
QYMEAN	3.8	4th	7.8	9th	7.0		Annual 98 %-ile			12.2	42.5	7.0
98 %-ile	7.0	5th	7.7	10th	7.0		3 Year 98 %-ile					21

*Includes Wildfire Data