

PM 2.5 MONITORING ANNUAL SUMMARY*

FLORENCE - 2020

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	6.5	3.7	2.9	2.3	2.6	3.5	4.7	3.0	7.9	15.0	7.7	2.7
2	5.2	2.2	3.9	1.9	3.1	3.2	8.0	2.3	8.6	7.4	7.9	4.8
3	4.9	2.5	2.5	1.7	3.4	3.2	6.7	4.0	3.4	9.4	3.6	7.4
4	3.9	2.7	5.5	1.6	3.3	3.9	8.1	3.7	5.7	10.3	2.3	7.3
5	3.6	2.0	5.0	2.2	3.2	6.6	4.0	3.3	7.9	8.0	2.8	6.6
6	4.4	2.4	2.8	4.1	3.0	3.5	3.3	3.2	6.6	8.1	2.8	4.1
7	2.7	3.1	2.2	4.1	4.2	2.7	4.1	4.1	42.5	2.9	3.9	2.5
8	2.9	4.6	2.3	6.9	3.5	3.4	2.4	3.9	425.3	2.2	4.5	8.6
9	2.7	3.3	3.3	7.1	4.4	2.5	2.6	6.2	384.5	4.4	4.1	
10	4.0	3.7	3.5	3.5	5.1	2.9	2.8	9.8	81.2	3.3	5.4	3.6
11	5.7	4.9	3.6	4.4	4.3	4.5	2.9	6.2	83.6	3.7	19.4	2.6
12	4.3	2.5	4.7	5.0	3.2	5.1	3.0	5.3	86.3	6.0	15.1	3.5
13	3.0	3.3	3.5	4.3	2.4	4.5	3.7	6.1	93.6	3.9	3.8	4.7
14	2.7	3.7	1.9	3.4	2.8	4.0	6.0	9.4	65.5	3.0	3.8	2.8
15	2.0	3.4	2.4	2.1	2.2	4.2	4.8	8.8	13.2	2.8	8.8	5.1
16	2.7	2.7	3.6	2.3	3.0	4.4	2.4	12.8	6.9	2.9	4.4	5.2
17	1.9	4.1	4.3	3.3	3.2	4.2	3.0	2.0	4.1	3.4	4.9	4.5
18	1.9	3.6	4.8	4.2	2.5	5.1	4.3	1.9	5.4	2.9	2.9	2.7
19	3.1	3.4	3.6	3.5	2.5	5.7	4.4	1.5	2.9	2.6	4.8	3.9
20	3.1	5.2	3.7	3.2	2.8	5.2	3.8	2.0	3.6	3.1	6.2	2.3
21	5.3	5.6	4.2	4.0	2.0	4.0	2.7	3.1	4.4	2.3	5.5	3.0
22	3.2	3.0	5.2	2.4	2.2	3.8	2.3	4.4	3.6	3.0	6.4	3.9
23	2.4	4.2	3.1	4.1	2.8	4.9	2.5	5.8	2.7	3.4	4.5	2.6
24	5.2	4.2	2.4	2.6	4.1	3.5	2.9	4.5	6.6	3.5	5.9	2.9
25	4.6	3.5	2.3	2.7	4.5	4.3	4.7	3.6	4.6	4.7	6.6	3.3
26	6.6	4.4	2.6	3.0	3.9	3.9	8.4	4.5	3.8	5.0	3.7	3.4
27	3.9	5.8	5.7	2.7	4.5	2.2	4.4	3.5	2.8	5.6	2.9	1.7
28	6.2	4.3	4.5	3.6	5.5	6.0	3.9	2.5	3.2	4.7	4.2	3.3
29	3.3	3.7	2.7	3.2	5.5	10.8	5.7	3.7	19.6	6.6	4.7	4.4
30	3.7		4.3	4.1	5.8	4.6	5.1	4.2	20.7	4.5	5.7	5.1
31	4.0		3.1		3.4		3.0	4.2		4.1		5.9

MONTH												
NCAP	31	29	31	30	31	30	31	31	30	31	30	30
%CAP	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	103.3%	100.0%	93.8%
MEAN	3.9	3.6	3.6	3.5	3.5	4.3	4.2	4.6	47.0	4.9	5.6	4.1
MAX	6.6	5.8	5.7	7.1	5.8	10.8	8.4	12.8	425.3	15.0	19.4	8.6

QUARTER	Q1			Q2			Q3			Q4		
NCAP	91			91			92			91		
%CAP	100.0%			98.9%			100.0%			98.9%		
MEAN	3.7			3.8			18.3			4.9		

ANNUAL						Site Statistics					
NCAP	365	HIGH	425.3	6th	81.2	Year				2019	2020
%NCAP	99.7%	2nd	384.5	7th	65.5	Annual Mean				5.8	7.7
YMEAN	7.7	3rd	93.6	8th	42.5	Annual High				15.3	425.3
QYMEAN	7.7	4th	86.3	9th	20.7	Annual 98 %-ile				12.2	42.5
98 %-ile	42.5	5th	83.6	10th	19.6	3 Year 98 %-ile					

*Includes Wildfire Data