

# RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES 15 MARTIE 2022



## DATE CALITATE AER MUNICIPIUL SEBES -

SISTEM PROPRIU DE MASURARE - Aleea Lac, fn

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	60,09	62,75	64,52	71,26	81,73	n/a	n/a	n/a	1,39	13,35	64,91	85,31	22,14	5,74	0,007
2:00	55,04	57,28	58,88	63,88	70,92	n/a	n/a	n/a	1,37	18,31	70,45	98,43	16,79	5,70	
3:00	52,50	54,89	56,75	61,09	66,42	n/a	n/a	n/a	1,35	6,74	59,99	70,30	18,65	5,45	
4:00	49,22	51,18	52,50	55,97	59,68	n/a	n/a	n/a	1,21	2,68	44,14	48,24	24,17	5,25	
5:00	43,76	45,38	46,39	49,80	54,11	n/a	n/a	n/a	1,16	3,91	44,59	50,58	22,20	5,09	
6:00	43,12	44,77	45,95	48,29	50,99	n/a	n/a	n/a	1,11	14,05	56,21	77,68	17,20	5,31	
7:00	57,32	65,61	73,31	84,71	96,51	n/a	n/a	n/a	1,29	16,33	58,59	83,55	16,63	5,48	
8:00	47,24	49,95	52,19	58,09	66,16	n/a	n/a	n/a	1,30	56,16	85,28	171,09	14,93	6,13	
9:00	58,27	61,62	64,21	74,98	91,03	n/a	n/a	n/a	1,38	23,65	62,86	98,99	18,25	5,70	
10:00	65,10	69,68	72,63	89,72	118,10	n/a	n/a	n/a	1,34	23,64	61,48	97,59	22,84	6,11	
11:00	50,68	54,18	57,05	69,95	90,22	n/a	n/a	n/a	1,12	14,51	58,05	80,22	34,32	6,10	
12:00	55,67	58,92	61,24	71,97	88,86	n/a	n/a	n/a	1,15	8,19	43,84	56,36	51,97	6,60	
13:00	49,51	52,55	54,69	64,79	80,12	n/a	n/a	n/a	0,99	4,96	32,74	40,32	66,47	6,58	
14:00	34,90	36,87	38,13	44,60	55,15	n/a	n/a	n/a	0,93	2,10	18,32	21,55	79,40	6,22	
15:00	28,35	30,01	31,10	35,78	42,73	n/a	n/a	n/a	0,84	1,48	13,10	15,36	90,38	6,43	
16:00	22,91	24,39	25,35	30,34	38,65	n/a	n/a	n/a	0,85	1,61	14,80	17,26	91,09	6,52	
17:00	22,21	23,87	25,02	30,70	39,65	n/a	n/a	n/a	0,83	1,73	18,67	21,32	89,43	6,33	
18:00	21,59	23,22	24,41	30,11	39,19	n/a	n/a	n/a	0,85	1,67	19,32	21,87	88,70	6,28	
19:00	26,01	28,07	29,59	36,60	48,32	n/a	n/a	n/a	0,97	1,94	29,32	32,29	83,29	6,41	
20:00	31,11	34,82	37,60	53,95	75,40	n/a	n/a	n/a	1,12	3,90	80,48	86,44	46,02	6,20	
21:00	167,04	180,16	190,34	244,19	312,91	n/a	n/a	n/a	3,29	13,38	107,29	127,73	23,39	9,10	
22:00	132,13	141,78	149,20	187,54	240,16	n/a	n/a	n/a	2,06	31,01	107,18	154,56	16,45	6,40	
23:00	109,69	116,41	121,34	141,99	169,78	n/a	n/a	n/a	2,13	11,66	85,82	103,62	17,90	7,13	
24:00	118,33	124,06	127,65	143,41	165,98	n/a	n/a	n/a	1,86	11,99	74,23	92,55	18,93	6,35	
<b>Min</b>	<b>21,59</b>	<b>23,22</b>	<b>24,41</b>	<b>30,11</b>	<b>38,65</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,83</b>	<b>1,48</b>	<b>13,10</b>	<b>15,36</b>	<b>14,93</b>	<b>5,09</b>	
<b>Max</b>	<b>167,04</b>	<b>180,16</b>	<b>190,34</b>	<b>244,19</b>	<b>312,91</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>3,29</b>	<b>56,16</b>	<b>107,29</b>	<b>171,09</b>	<b>91,09</b>	<b>9,10</b>	
<b>Medie</b>	<b>58,41</b>	<b>62,18</b>	<b>65,00</b>	<b>76,82</b>	<b>93,45</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,33</b>	<b>12,04</b>	<b>54,65</b>	<b>73,05</b>	<b>41,31</b>	<b>6,19</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	3
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	4

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	5
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\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87

N/A lipsa gaz purtator