

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
23 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	108,39	113,21	116,15	129,31	147,83	n/a	n/a	n/a	2,21	3,56	39,13	44,57	35,27	6,48	0,008
2:00	126,39	132,71	136,50	147,77	164,37	n/a	n/a	n/a	2,14	3,09	33,15	37,87	37,51	6,36	
3:00	91,49	96,32	99,33	106,31	115,54	n/a	n/a	n/a	1,77	4,24	47,10	53,57	27,43	6,30	
4:00	59,90	63,61	66,02	71,81	80,99	n/a	n/a	n/a	1,19	2,36	37,00	40,61	31,47	6,10	
5:00	41,49	44,02	45,83	49,69	54,78	n/a	n/a	n/a	1,09	2,49	40,47	44,27	29,47	5,86	
6:00	40,75	43,01	44,69	48,12	53,36	n/a	n/a	n/a	1,06	2,19	36,17	39,52	28,17	5,84	
7:00	43,69	46,10	47,84	52,22	58,19	n/a	n/a	n/a	1,07	2,90	35,27	39,70	27,49	5,90	
8:00	39,49	42,18	44,27	50,87	60,76	n/a	n/a	n/a	1,05	12,78	52,30	71,82	19,57	5,99	
9:00	48,04	51,50	54,34	64,53	80,28	n/a	n/a	n/a	1,28	18,20	52,25	80,05	22,96	6,30	
10:00	51,92	56,85	60,74	77,97	104,92	n/a	n/a	n/a	1,36	28,86	67,89	111,98	24,87	6,86	
11:00	57,10	62,98	67,96	86,55	115,23	n/a	n/a	n/a	1,17	22,19	71,33	105,23	35,24	8,85	
12:00	52,39	58,13	62,67	82,58	114,06	n/a	n/a	n/a	1,04	7,98	44,20	56,40	56,90	6,52	
13:00	26,10	29,15	31,28	42,58	60,91	n/a	n/a	n/a	0,87	2,08	16,35	19,52	80,56	5,86	
14:00	11,77	13,57	14,89	20,33	29,20	n/a	n/a	n/a	0,78	1,22	9,12	10,99	90,60	5,49	
15:00	8,84	10,26	11,40	15,22	21,47	n/a	n/a	n/a	0,77	1,29	8,54	10,52	91,77	5,26	
16:00	10,27	11,69	12,84	16,27	21,87	n/a	n/a	n/a	0,78	1,33	9,51	11,56	94,32	5,42	
17:00	11,04	12,49	13,73	17,44	23,59	n/a	n/a	n/a	0,78	1,17	9,08	10,88	96,69	5,26	
18:00	12,19	13,77	15,00	19,76	29,24	n/a	n/a	n/a	0,80	1,23	10,62	12,51	97,85	5,47	
19:00	21,37	24,74	27,39	41,85	63,67	n/a	n/a	n/a	0,97	1,33	19,19	21,22	92,81	6,14	
20:00	58,55	67,07	73,72	110,70	165,21	n/a	n/a	n/a	1,46	2,16	40,97	44,27	72,97	7,12	
21:00	104,27	116,49	124,83	174,98	247,23	n/a	n/a	n/a	1,95	3,57	58,03	63,48	47,72	7,36	
22:00	70,22	77,50	83,08	110,31	150,92	n/a	n/a	n/a	1,83	3,17	53,37	58,21	48,58	6,59	
23:00	98,86	107,77	114,39	148,80	201,54	n/a	n/a	n/a	2,08	6,81	62,70	73,10	37,73	6,52	
24:00	85,44	92,32	97,86	116,61	139,71	n/a	n/a	n/a	1,77	51,80	110,12	189,28	15,45	7,06	
<b>Min</b>	<b>8,84</b>	<b>10,26</b>	<b>11,40</b>	<b>15,22</b>	<b>21,47</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,77</b>	<b>1,17</b>	<b>8,54</b>	<b>10,52</b>	<b>15,45</b>	<b>5,26</b>	
<b>Max</b>	<b>126,39</b>	<b>132,71</b>	<b>136,50</b>	<b>174,98</b>	<b>247,23</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>2,21</b>	<b>51,80</b>	<b>110,12</b>	<b>189,28</b>	<b>97,85</b>	<b>8,85</b>	
<b>Medie</b>	<b>53,33</b>	<b>57,81</b>	<b>61,11</b>	<b>75,11</b>	<b>96,04</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,30</b>	<b>7,83</b>	<b>40,16</b>	<b>52,13</b>	<b>51,81</b>	<b>6,29</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