

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
18 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	36,73	37,98	38,92	41,39	45,03	n/a	n/a	n/a	1,13	7,81	49,10	61,03	26,85	6,34	0,013
2:00	32,76	33,95	34,81	37,47	41,67	n/a	n/a	n/a	1,07	2,23	34,41	37,83	38,69	6,36	
3:00	11,13	12,23	13,00	16,16	21,44	n/a	n/a	n/a	0,78	1,20	11,71	13,57	65,35	5,76	
4:00	10,00	11,08	11,96	14,67	17,45	n/a	n/a	n/a	0,78	1,27	13,74	15,69	65,99	5,60	
5:00	10,08	11,13	11,90	14,71	18,32	n/a	n/a	n/a	0,76	1,35	13,79	15,85	64,71	5,50	
6:00	11,56	12,72	13,58	16,63	20,30	n/a	n/a	n/a	0,79	1,30	14,11	16,10	63,54	5,41	
7:00	11,33	12,61	13,80	16,86	21,75	n/a	n/a	n/a	0,79	1,79	20,16	22,89	59,97	5,29	
8:00	14,10	15,88	17,61	22,82	32,77	n/a	n/a	n/a	0,84	2,74	30,57	34,75	53,89	5,28	
9:00	14,52	16,47	18,14	23,62	32,53	n/a	n/a	n/a	0,88	3,79	29,26	35,04	54,83	5,29	
10:00	16,43	17,96	19,23	23,03	27,74	n/a	n/a	n/a	0,83	2,83	17,87	22,18	66,19	5,41	
11:00	12,97	14,06	14,81	18,31	23,47	n/a	n/a	n/a	0,81	2,05	11,90	15,03	73,75	5,67	
12:00	13,03	14,24	15,20	19,12	24,53	n/a	n/a	n/a	0,80	2,05	12,20	15,34	74,91	6,34	
13:00	12,12	13,29	14,29	17,84	22,24	n/a	n/a	n/a	0,79	1,89	11,73	14,61	77,34	5,69	
14:00	11,25	12,21	12,90	16,18	20,68	n/a	n/a	n/a	0,79	1,57	9,91	12,31	80,36	5,49	
15:00	10,51	11,47	12,26	15,23	20,02	n/a	n/a	n/a	0,77	1,27	9,31	11,23	81,81	5,09	
16:00	10,43	11,43	12,30	15,30	19,74	n/a	n/a	n/a	0,77	1,44	9,57	11,75	83,37	5,08	
17:00	9,16	10,02	10,71	13,13	16,30	n/a	n/a	n/a	0,77	1,48	9,86	12,11	84,70	5,25	
18:00	9,61	10,64	11,49	14,73	18,76	n/a	n/a	n/a	0,78	1,44	11,19	13,39	84,77	5,26	
19:00	9,80	10,68	11,45	13,68	17,88	n/a	n/a	n/a	0,82	1,27	13,07	15,00	83,32	5,21	
20:00	12,13	13,76	15,04	20,05	28,89	n/a	n/a	n/a	0,90	2,07	38,35	41,51	63,29	5,10	
21:00	45,87	49,01	51,41	61,19	76,39	n/a	n/a	n/a	1,68	5,42	67,10	75,39	39,65	5,98	
22:00	142,21	146,49	149,67	163,80	183,03	n/a	n/a	n/a	2,75	5,01	55,06	62,71	32,50	6,35	
23:00	153,87	160,23	164,16	178,62	197,62	n/a	n/a	n/a	2,71	29,08	92,62	137,05	18,20	6,68	
24:00	91,85	96,29	99,33	108,88	120,53	n/a	n/a	n/a	1,77	21,02	77,12	109,24	19,36	6,25	
<b>Min</b>	<b>9,16</b>	<b>10,02</b>	<b>10,71</b>	<b>13,13</b>	<b>16,30</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,76</b>	<b>1,20</b>	<b>9,31</b>	<b>11,23</b>	<b>18,20</b>	<b>5,08</b>	
<b>Max</b>	<b>153,87</b>	<b>160,23</b>	<b>164,16</b>	<b>178,62</b>	<b>197,62</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>2,75</b>	<b>29,08</b>	<b>92,62</b>	<b>137,05</b>	<b>84,77</b>	<b>6,68</b>	
<b>Medie</b>	<b>29,73</b>	<b>31,49</b>	<b>32,83</b>	<b>37,64</b>	<b>44,55</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,07</b>	<b>4,31</b>	<b>27,65</b>	<b>34,23</b>	<b>60,72</b>	<b>5,65</b>	

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

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

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

Indice zilnic general	4
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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