

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
22 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	73,21	76,34	78,29	86,13	97,79	n/a	n/a	n/a	1,52	10,52	73,18	89,25	19,47	6,45	0,007
2:00	70,67	73,61	75,53	81,40	88,05	n/a	n/a	n/a	1,38	4,88	58,96	66,42	24,18	6,07	
3:00	64,77	67,33	68,92	73,90	80,75	n/a	n/a	n/a	1,28	10,98	66,96	83,73	17,53	6,03	
4:00	68,14	70,89	72,64	76,80	82,88	n/a	n/a	n/a	1,28	8,03	55,74	68,00	22,85	6,07	
5:00	65,27	67,46	68,94	71,26	74,34	n/a	n/a	n/a	1,19	2,17	41,99	45,32	25,76	5,79	
6:00	64,03	66,29	67,77	70,76	74,50	n/a	n/a	n/a	1,15	4,14	45,74	52,08	23,41	5,57	
7:00	61,06	63,08	64,29	67,39	72,12	n/a	n/a	n/a	1,11	2,24	36,99	40,43	29,35	5,53	
8:00	57,64	59,80	61,29	65,66	73,14	n/a	n/a	n/a	1,12	3,43	38,50	43,74	28,17	5,51	
9:00	58,22	60,98	62,95	70,92	81,85	n/a	n/a	n/a	1,14	26,73	63,58	104,42	21,77	6,09	
10:00	59,50	62,90	65,54	75,98	92,75	n/a	n/a	n/a	1,11	22,72	64,72	99,44	29,13	6,54	
11:00	66,33	69,84	72,45	81,75	93,61	n/a	n/a	n/a	1,11	7,08	40,95	51,76	54,23	7,28	
12:00	58,78	62,28	64,76	76,00	92,62	n/a	n/a	n/a	1,07	4,48	31,78	38,62	70,30	6,89	
13:00	33,12	36,51	38,89	49,81	69,33	n/a	n/a	n/a	0,87	1,86	14,68	17,51	83,63	5,97	
14:00	17,05	18,81	19,93	26,56	38,12	n/a	n/a	n/a	0,87	1,52	11,62	13,94	86,40	5,06	
15:00	17,24	18,89	20,22	24,82	32,20	n/a	n/a	n/a	0,85	1,29	11,44	13,42	89,43	5,17	
16:00	18,52	20,38	21,72	28,41	38,75	n/a	n/a	n/a	0,87	1,32	11,78	13,80	92,63	5,49	
17:00	20,69	22,52	23,89	29,44	38,38	n/a	n/a	n/a	0,89	1,24	12,01	13,91	94,33	5,41	
18:00	16,84	18,71	20,09	26,04	35,64	n/a	n/a	n/a	0,83	1,28	13,02	14,98	92,82	5,38	
19:00	29,36	32,10	34,03	43,28	59,19	n/a	n/a	n/a	0,96	1,30	17,14	19,15	90,75	5,66	
20:00	66,14	74,24	79,59	118,08	181,15	n/a	n/a	n/a	1,60	2,41	41,10	44,78	67,46	7,21	
21:00	103,74	114,66	121,65	153,35	200,06	n/a	n/a	n/a	1,79	7,22	84,20	95,22	33,66	7,03	
22:00	96,18	104,59	111,19	138,23	174,11	n/a	n/a	n/a	2,01	10,36	85,97	101,80	24,84	6,48	
23:00	77,43	82,61	86,84	101,94	121,36	n/a	n/a	n/a	1,93	12,14	81,91	100,46	21,37	6,19	
24:00	151,89	160,70	167,30	191,34	224,38	n/a	n/a	n/a	2,54	8,85	69,57	83,09	21,95	7,57	
<b>Min</b>	<b>16,84</b>	<b>18,71</b>	<b>19,93</b>	<b>24,82</b>	<b>32,20</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,83</b>	<b>1,24</b>	<b>11,44</b>	<b>13,42</b>	<b>17,53</b>	<b>5,06</b>	
<b>Max</b>	<b>151,89</b>	<b>160,70</b>	<b>167,30</b>	<b>191,34</b>	<b>224,38</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>2,54</b>	<b>26,73</b>	<b>85,97</b>	<b>104,42</b>	<b>94,33</b>	<b>7,57</b>	
<b>Medie</b>	<b>58,99</b>	<b>62,73</b>	<b>65,36</b>	<b>76,22</b>	<b>92,38</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,27</b>	<b>6,59</b>	<b>44,73</b>	<b>54,80</b>	<b>48,56</b>	<b>6,10</b>	

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

Particule in suspensie (PM2,5)	5
Dioxid de azot (NO2)	2
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