

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
13 FEBRUARIE 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	120,51	124,54	127,05	134,12	143,20	4,85	2,68	n/a	2,23	7,04	48,60	59,35	21,86	6,21	0,009
2:00	215,77	224,24	227,94	234,51	244,22	12,64	6,28	0,91	3,64	10,88	46,29	62,92	18,90	5,58	
3:00	94,68	99,95	103,66	110,01	118,22	3,82	1,84	n/a	1,63	6,78	38,18	48,53	22,33	5,13	
4:00	66,15	72,63	77,45	85,85	95,44	1,85	1,39	n/a	1,31	3,70	26,33	31,99	27,88	5,15	
5:00	33,13	34,31	35,01	36,66	38,91	1,10	0,77	n/a	1,12	2,50	22,17	26,00	30,50	4,82	
6:00	35,79	37,21	38,04	39,47	41,14	1,56	0,88	n/a	1,20	2,67	23,51	27,59	30,12	4,70	
7:00	36,52	37,99	38,81	41,56	44,44	1,26	0,85	n/a	1,29	8,93	41,16	54,79	19,51	4,80	
8:00	41,27	42,79	43,66	45,86	48,66	1,69	1,22	n/a	1,28	8,24	36,93	49,53	20,81	4,84	
9:00	53,56	55,72	56,44	59,45	63,10	1,67	0,99	n/a	1,25	6,33	33,95	43,62	21,00	4,88	
10:00	50,72	52,46	53,34	56,58	61,62	1,84	0,96	n/a	1,26	7,79	28,82	40,72	25,44	4,95	
11:00	38,82	40,19	41,08	44,23	50,04	0,81	n/a	n/a	1,07	5,09	20,14	27,91	37,26	4,96	
12:00	27,11	28,56	29,77	32,89	37,47	0,85	n/a	n/a	0,94	4,00	17,57	23,68	44,64	4,74	
13:00	22,48	23,39	24,09	25,25	26,91	0,50	n/a	n/a	0,84	1,93	9,84	12,79	56,26	4,51	
14:00	19,74	20,67	21,30	22,64	24,65	0,41	n/a	n/a	0,83	1,78	9,68	12,40	60,43	4,48	
15:00	18,44	19,28	19,88	21,27	23,26	0,36	n/a	n/a	0,79	1,47	9,12	11,37	63,73	3,90	
16:00	18,41	19,37	19,99	21,71	24,00	0,35	0,62	n/a	0,78	1,36	8,80	10,88	67,48	4,11	
17:00	16,16	17,01	17,71	19,40	20,98	0,35	n/a	n/a	0,79	1,31	10,07	12,08	67,34	4,12	
18:00	15,52	16,38	16,99	19,01	22,82	0,25	n/a	n/a	0,79	1,19	10,26	12,09	67,49	4,49	
19:00	32,24	34,31	35,81	43,59	54,84	1,30	n/a	n/a	1,04	2,92	35,81	40,25	48,51	4,62	
20:00	83,34	87,43	90,36	100,07	115,92	6,89	3,14	n/a	1,96	6,68	57,34	67,55	29,02	5,27	
21:00	118,55	123,76	127,54	139,01	154,85	5,78	3,05	n/a	2,51	15,11	71,71	94,80	19,61	5,86	
22:00	157,39	162,42	165,21	175,33	189,74	7,12	3,82	n/a	2,82	9,41	57,34	71,72	20,83	6,29	
23:00	128,50	133,15	135,16	142,13	151,07	6,16	3,31	n/a	2,45	5,09	39,70	47,47	26,06	5,57	
24:00	201,23	209,47	213,89	225,41	238,95	11,66	5,87	0,92	3,41	23,82	66,53	102,93	19,40	5,88	
<b>Min</b>	<b>15,52</b>	<b>16,38</b>	<b>16,99</b>	<b>19,01</b>	<b>20,98</b>	<b>0,25</b>	<b>0,62</b>	<b>0,91</b>	<b>0,78</b>	<b>1,19</b>	<b>8,80</b>	<b>10,88</b>	<b>18,90</b>	<b>3,90</b>	
<b>Max</b>	<b>215,77</b>	<b>224,24</b>	<b>227,94</b>	<b>234,51</b>	<b>244,22</b>	<b>12,64</b>	<b>6,28</b>	<b>0,92</b>	<b>3,64</b>	<b>23,82</b>	<b>71,71</b>	<b>102,93</b>	<b>67,49</b>	<b>6,29</b>	
<b>Medie</b>	<b>68,58</b>	<b>71,55</b>	<b>73,34</b>	<b>78,17</b>	<b>84,77</b>	<b>3,13</b>	<b>2,35</b>	<b>0,92</b>	<b>1,55</b>	<b>6,08</b>	<b>32,08</b>	<b>41,37</b>	<b>36,10</b>	<b>4,99</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
-----------------------	---

\*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