

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
2 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	30,76	34,56	36,80	40,07	44,40	1,13	0,89	n/a	0,96	2,73	17,03	21,21	39,20	5,41	0,005
2:00	32,08	35,74	37,80	40,60	44,42	1,19	0,87	n/a	0,99	2,55	16,31	20,21	35,13	5,45	
3:00	29,35	32,79	34,78	37,53	40,98	0,99	0,70	n/a	0,96	2,67	16,21	20,30	35,49	5,34	
4:00	21,53	23,91	25,06	26,37	27,88	0,57	n/a	n/a	0,77	2,52	13,42	17,27	52,54	4,76	
5:00	16,92	18,90	19,86	20,42	20,95	0,35	n/a	n/a	0,73	2,23	10,59	14,00	58,22	4,67	
6:00	15,92	17,85	18,72	19,17	19,79	0,28	n/a	n/a	0,72	2,07	9,18	12,34	58,34	4,71	
7:00	17,96	20,11	21,16	22,10	23,24	0,45	n/a	n/a	0,75	2,08	8,41	11,58	55,80	4,86	
8:00	17,06	19,25	20,34	20,80	21,17	0,55	n/a	n/a	0,79	2,14	8,37	11,65	55,29	4,62	
9:00	19,21	21,60	22,79	23,63	24,45	0,79	0,83	n/a	0,85	2,19	9,52	12,87	48,07	4,93	
10:00	20,78	23,29	24,56	26,75	30,28	1,11	13,12	2,64	0,84	2,40	10,93	14,59	51,69	4,87	
11:00	21,05	23,07	24,09	24,48	24,93	0,58	0,79	n/a	0,83	2,37	10,31	13,91	54,67	4,98	
12:00	24,37	26,71	27,88	28,71	29,72	0,84	n/a	n/a	0,88	2,24	9,62	13,03	52,24	5,11	
13:00	27,08	29,48	30,68	31,96	33,74	0,93	0,63	n/a	0,90	2,24	9,54	12,96	50,40	5,21	
14:00	23,19	25,47	26,64	28,06	30,25	0,65	n/a	n/a	0,83	2,24	9,63	13,05	54,91	5,29	
15:00	16,18	18,10	19,23	20,83	22,99	0,98	n/a	n/a	0,77	2,21	9,57	12,96	59,95	4,68	
16:00	14,43	15,98	16,82	18,42	21,34	0,46	n/a	n/a	0,76	2,11	9,23	12,46	61,55	4,60	
17:00	14,00	15,69	16,79	19,11	22,16	0,44	1,18	n/a	0,76	2,14	8,99	12,26	60,79	4,66	
18:00	16,33	17,91	18,94	19,97	21,48	0,50	n/a	n/a	0,78	2,07	9,01	12,17	58,24	4,76	
19:00	16,51	17,85	18,61	19,57	20,62	0,67	n/a	n/a	0,80	2,17	9,36	12,68	56,13	4,69	
20:00	16,97	18,15	18,80	19,64	20,41	0,68	0,67	n/a	0,85	2,13	9,51	12,77	55,68	4,76	
21:00	19,46	20,52	20,94	21,44	22,36	0,71	0,59	n/a	0,90	2,20	9,50	12,85	54,00	4,92	
22:00	23,54	24,70	25,17	25,73	26,51	0,98	n/a	n/a	0,97	2,28	9,91	13,40	53,04	5,12	
23:00	17,84	18,75	19,21	19,60	19,90	0,60	n/a	n/a	0,82	2,25	9,69	13,12	53,54	4,85	
24:00	17,81	18,74	19,12	19,46	19,75	0,56	n/a	n/a	0,87	2,15	9,20	12,48	55,18	4,92	
<b>Min</b>	<b>14,00</b>	<b>15,69</b>	<b>16,79</b>	<b>18,42</b>	<b>19,75</b>	<b>0,28</b>	<b>0,59</b>	<b>2,64</b>	<b>0,72</b>	<b>2,07</b>	<b>8,37</b>	<b>11,58</b>	<b>35,13</b>	<b>4,60</b>	
<b>Max</b>	<b>32,08</b>	<b>35,74</b>	<b>37,80</b>	<b>40,60</b>	<b>44,42</b>	<b>1,19</b>	<b>13,12</b>	<b>2,64</b>	<b>0,99</b>	<b>2,73</b>	<b>17,03</b>	<b>21,21</b>	<b>61,55</b>	<b>5,45</b>	
<b>Medie</b>	<b>20,43</b>	<b>22,46</b>	<b>23,53</b>	<b>24,77</b>	<b>26,41</b>	<b>0,71</b>	<b>2,03</b>	<b>2,64</b>	<b>0,84</b>	<b>2,27</b>	<b>10,54</b>	<b>14,01</b>	<b>52,92</b>	<b>4,92</b>	

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

Particule in suspensie (PM2,5)	3
Dioxid de azot (NO2)	1
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	3
-----------------------	---

\*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