

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
29 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	61,60	65,61	68,85	79,01	90,49	n/a	n/a	n/a	1,24	17,87	89,59	116,89	16,77	5,74	0,006
2:00	64,97	68,86	71,85	81,63	94,42	n/a	n/a	n/a	1,3	4,41	61,07	67,81	22,33	5,97	
3:00	56,25	59,47	61,99	69,43	80,12	n/a	n/a	n/a	1,15	2,08	46,02	49,19	30,9	6,45	
4:00	49,27	52,05	54,14	61,05	70,74	n/a	n/a	n/a	1,07	1,45	36,46	38,67	37,23	6,52	
5:00	52,51	55,37	57,49	64,41	75,26	n/a	n/a	n/a	1,09	4,43	51,92	58,69	23,8	6,34	
6:00	53,43	56,89	59,52	66,80	76,77	n/a	n/a	n/a	1,09	2,06	41,43	44,59	30,08	6,28	
7:00	48,63	51,85	54,60	63,24	75,27	n/a	n/a	n/a	1,05	15,09	59,69	82,75	20,65	6,3	
8:00	71,99	78,41	83,83	108,80	142,95	n/a	n/a	n/a	1,39	14,72	62,43	84,93	19,87	6,52	
9:00	82,24	91,74	98,31	139,45	196,75	n/a	n/a	n/a	1,34	11,26	53,41	70,63	25,37	6,92	
10:00	65,37	75,98	85,61	132,10	204,01	n/a	n/a	n/a	1,12	22,18	62,51	96,4	28,73	7,13	
11:00	60,91	67,24	72,44	98,22	139,78	n/a	n/a	n/a	1,1	12,39	52,91	71,85	40,61	7,31	
12:00	49,98	55,58	60,04	84,28	123,91	n/a	n/a	n/a	1,04	4,25	28,47	34,97	75,59	11,04	
13:00	21,01	24,51	27,70	42,84	66,40	n/a	n/a	n/a	0,89	1,17	10,14	11,93	96,85	16,89	
14:00	15,07	17,49	19,89	28,25	40,42	n/a	n/a	n/a	0,85	0,97	8,78	10,26	98,83	15,09	
15:00	10,63	12,68	14,55	22,62	34,86	n/a	n/a	n/a	0,83	1,05	8,39	10	96,7	9,42	
16:00	13,70	16,32	18,41	31,68	54,04	n/a	n/a	n/a	0,84	0,93	8,39	9,81	99,61	9,87	
17:00	16,86	20,18	23,08	38,35	61,39	n/a	n/a	n/a	0,85	0,96	8,82	10,29	103,15	8,92	
18:00	14,69	17,20	19,31	31,20	50,27	n/a	n/a	n/a	0,84	0,96	8,74	10,22	98,32	8,19	
19:00	19,89	22,40	24,58	35,01	50,01	n/a	n/a	n/a	0,91	0,99	10,78	12,31	100,6	8,64	
20:00	23,41	26,22	28,72	39,39	56,71	n/a	n/a	n/a	0,92	0,97	13,58	15,07	101,2	8,25	
21:00	28,24	31,32	34,12	43,73	57,91	n/a	n/a	n/a	0,97	0,93	15,62	17,05	99,76	7,16	
22:00	35,61	38,88	41,85	51,64	66,55	n/a	n/a	n/a	1	0,98	17,2	18,71	99,75	7,39	
23:00	56,62	61,91	65,87	84,94	112,97	n/a	n/a	n/a	1,38	1,32	24,83	26,85	84,62	7,62	
24:00	63,74	70,14	74,86	94,58	119,85	n/a	n/a	n/a	1,46	1,48	24,05	26,33	74,36	6,98	
<b>Min</b>	<b>10,63</b>	<b>12,68</b>	<b>14,55</b>	<b>22,62</b>	<b>34,86</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,83</b>	<b>0,93</b>	<b>8,39</b>	<b>9,81</b>	<b>16,77</b>	<b>5,74</b>	
<b>Max</b>	<b>82,24</b>	<b>91,74</b>	<b>98,31</b>	<b>139,45</b>	<b>204,01</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>1,46</b>	<b>22,18</b>	<b>89,59</b>	<b>116,89</b>	<b>103,15</b>	<b>16,89</b>	
<b>Medie</b>	<b>43,19</b>	<b>47,43</b>	<b>50,90</b>	<b>66,36</b>	<b>89,24</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,07</b>	<b>5,20</b>	<b>33,55</b>	<b>41,51</b>	<b>63,57</b>	<b>8,21</b>	

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

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

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