

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
05 DECEMBRIE 2022**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE -Kogalniceanu, nr.114**

**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/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	mg/m <sup>3</sup>
1:00	47,46	48,90	49,73	51,25	53,25	n/a	n/a	n/a	1,25	43,59	22,89	89,51	13,27	8,72	*N/A
2:00	35,02	36,11	36,79	38,27	39,59	n/a	n/a	n/a	0,87	43,92	21,09	88,17	12,95	8,67	
3:00	42,04	43,45	44,34	45,74	48,13	n/a	n/a	n/a	1,47	46,62	18,30	89,53	13,38	8,75	
4:00	41,64	42,91	43,68	45,53	47,63	n/a	n/a	n/a	1,31	41,73	15,84	79,59	13,17	8,70	
5:00	44,49	46,12	47,31	49,16	50,91	n/a	n/a	n/a	1,17	40,02	12,28	73,40	13,09	8,68	
6:00	36,63	37,89	38,67	40,12	41,65	n/a	n/a	n/a	0,89	57,20	12,74	100,15	12,75	8,80	
7:00	45,41	47,33	48,53	51,51	54,28	n/a	n/a	n/a	1,24	48,64	11,83	86,15	13,17	8,79	
8:00	50,13	52,20	53,71	57,73	62,85	n/a	n/a	n/a	1,21	54,83	14,71	98,50	13,18	8,84	
9:00	42,05	43,81	45,05	48,11	51,41	n/a	n/a	n/a	0,98	85,33	14,21	144,59	13,03	9,20	
10:00	59,92	62,46	64,08	68,16	73,01	n/a	n/a	n/a	1,41	105,76	19,10	180,72	13,47	9,92	
11:00	62,34	65,08	66,64	72,20	79,52	n/a	n/a	n/a	1,31	86,75	24,42	156,97	13,80	10,04	
12:00	51,26	54,37	56,46	64,12	75,12	n/a	n/a	n/a	0,82	46,72	25,43	96,81	15,44	9,14	
13:00	40,47	43,58	45,68	54,95	72,55	n/a	n/a	n/a	0,77	33,51	28,66	79,86	16,88	9,05	
14:00	43,13	45,81	47,72	53,24	61,64	n/a	n/a	n/a	0,61	13,05	24,94	44,88	22,65	8,71	
15:00	35,61	37,76	39,44	44,43	52,38	n/a	n/a	n/a	0,52	12,53	27,00	46,14	23,30	8,66	
16:00	34,52	36,88	38,69	45,34	55,45	n/a	n/a	n/a	0,49	9,86	27,05	42,12	27,45	8,75	
17:00	26,03	28,39	30,48	38,22	51,52	n/a	n/a	n/a	0,49	13,86	33,09	54,25	19,83	8,71	
18:00	28,37	30,24	31,82	38,73	47,52	n/a	n/a	n/a	0,48	9,87	33,51	48,61	20,39	8,79	
19:00	34,14	35,59	36,67	40,99	47,34	n/a	n/a	n/a	0,77	14,25	40,08	61,86	15,43	8,88	
20:00	77,05	80,19	82,49	88,24	94,18	n/a	n/a	n/a	1,50	46,17	41,03	111,58	16,05	9,34	
21:00	72,91	76,38	78,78	85,78	95,81	n/a	n/a	n/a	1,43	62,77	37,28	133,19	14,23	9,52	
22:00	56,62	59,24	61,11	67,46	75,49	n/a	n/a	n/a	1,04	57,70	36,09	124,25	13,41	9,14	
23:00	52,58	54,77	56,33	59,83	65,26	n/a	n/a	n/a	0,97	47,25	31,98	104,19	13,28	9,04	
24:00	104,79	108,78	111,13	115,39	120,50	n/a	n/a	n/a	2,18	50,13	24,22	100,80	15,20	9,14	
<b>Min</b>	<b>26,03</b>	<b>28,39</b>	<b>30,48</b>	<b>38,22</b>	<b>39,59</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,48</b>	<b>9,86</b>	<b>11,83</b>	<b>42,12</b>	<b>12,75</b>	<b>8,66</b>	
<b>Max</b>	<b>104,79</b>	<b>108,78</b>	<b>111,13</b>	<b>115,39</b>	<b>120,50</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>2,18</b>	<b>105,76</b>	<b>41,03</b>	<b>180,72</b>	<b>27,45</b>	<b>10,04</b>	
<b>Medie</b>	<b>48,52</b>	<b>50,76</b>	<b>52,31</b>	<b>56,85</b>	<b>63,21</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>1,05</b>	<b>44,67</b>	<b>24,91</b>	<b>93,16</b>	<b>15,78</b>	<b>9,00</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)	1
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 Analizorul de formaldehida este trimis la producator pentru calibrarea anuala

\*n/a lipsa gaz purtator