

CO₂-values in Scandinavia May—July 1957.

(Cf. FONSELIUS, KOROLEFF: Tellus 7, pp. 258—265)

Station	May					June					July				
	Date	°C	Wind	Weather	CO ₂ ml/10 l.	Date	°C	Wind	Weather	CO ₂ ml/10 l.	Date	°C	Wind	Weather	CO ₂ ml/10 l.
Ab	I	—	NW	6	3.13	I	14.5	SW	2	7 3.71	4	7.0	NE	4	5 2.97
	10	1.2	SW	12	3.13	27	8.0	WSW	9	3 3.24	26	18.0	ESE	3	10 2.98
		7.0				28	6.0	NNW	6	8 3.12	27	20.0	S	4	6 3.09
						29	8.0	NNW	9	5 3.02					
Öj	3	7.6	W	11	3.20	I	13.5	NE	2	● 1 3.19	4	15.2	NW	10	3 3.08
	10	8.5	E	2	3.01	27	15.0	SW	2	● 9 3.05	26	20.1	SW	3	12 9 3.13
	20	10.8	W	2	● 8 3.11	28	12.2	SW	10	4.06					
						29	14.9	NW	11	5 3.02					
Br	3	—	NW	2	7 3.52	I	5.0	NW	11	4 3.20	4	14.0	calm		4 3.27
	10	8.0	S	0	3.25	27	10.0	SW	11	● 8 3.93	27	16.0	N	● 10	2.91
						28	10.0	SW	11	1 3.30					
						29	14.0	calm	1	3.35					
Er	I					I	13.5	calm		0 2.99	4	13.6	ENE	2	6 3.12
	10	11.1	N	6	3.17	27	18.5	NNW	4	12 5 2.92	26				3.53
						28	15.1	NNW	4	8 2.99	27				3.16
						29	15.6	calm	1	3.43					
Fl	I	7.6	SW	2	0 3.36	I	14.5	SW	2	3 3.27	4	19.7	W	1	6 2.79
	10	3.2	NE	2	● 10 3.05	27	15.4	W	2	1 3.14	26	13.6	SW	1	● 10 2.98
						28	19.7	NW	2	2 3.71	27	14.4	W	1	6 3.08
						29	14.4	NW	1	● 10 3.72					
Pl	2	12.0	W	2	10 3.04	2	14.0	W	1	2 3.48	4	23.0	W	1	0 3.01
	10	7.0	NW	9	10 3.21	27	18.0	SW	5	4 3.47	26				
						28	17.0	W	2	10 3.33	27	24.0	W	2	1 3.15
						29	23.0	SW	2	6 3.68					
Ka	I	4.3	N	10	10 3.46	27	15.0	W	5	2 3.17	4	14.2	NW	6	0 3.15
	10	11.5	ENE	3	0 3.47	28	15.2	W	5	0 3.11	26	22.6	S	3	8 3.47
	20	22.0	S	8	9 3.35	29	14.6	NW	7.5	0 3.24	27	28.2	ESE	7	8 3.45
Ri	I	0.4	N	9	● 10 3.13	27	16.3	SSW	4	2 3.21	4	10.8	W	5	10 3.33
	10	11.8	NNW	2	10 3.17	28	16.3	SW	5	0 3.43	26	22.8	NE	1	8 3.06
	20	20.5	SSE	7	0 3.08	29	9.2	W	2.5	2 3.61	27	28.0	N	8	8 3.44
Lu	I	2.5	NNE	9	10 3.28	27	16.0	WSW	3	8 3.37	4	14.0	WNW	7	8 3.31
	10	15.5	N	—	0 3.51	28	16.3	SW	4	9 3.31	26	22.8	S	2.5	10 2.82
	20	21.2	SSW	—	10 3.42	29	12.0	NW	3	8 3.23	27				
Tv	I	5.0	N	3	10 3.15	27	15.0	SW	1	0 3.13	4	17.6	W	2	10 3.16
	10	15.0	S	1	10 3.34	28	15.0	SW	2.5	0 3.12	26	22.5	S	2.5	0 3.26
	20	14.0	E	1	10 3.27	29	17.5	NW	6	0 3.05	27	21.0	NW	1.5	10 3.30
So	I	3.6	NNW	5	0 3.20	27	15.7	WSW	4	2 3.19	4	7.6	NNE	5	● 10 3.27
	10	5.3	SW	2	10 3.21	28	14.6	WSW	4	10 3.49	26	23.5	SE	4	0 3.31
	20	15.1	SSW	11	10 3.18	29	13.8	N	4	10 3.29	27	26.0	SE	4	0 3.47
Pu	I	0.3	N	4	* 10 3.24	27	12.4	SW	2.5	10 3.22	4	13.5	SW	3	8 3.21
	10	8.3	N	2	10 3.30	28	16.2	W	2.5	2 3.62	26	21.3	E	1	8 3.30
	20	20.1	SE	4	9 3.21	29	10.0	NW	4	2 3.16	27	28.2	NNE	2.5	0 3.25
Bo	I					I	6.8	WSW	2	● 9 3.27	4	9.6	WNW	2	● 7 3.12
	10	9.0	SW	2	1 3.74	27	6.2	S	2	● 10 3.03	26	18.9	ENE	5	● 9 3.39
	20	6.5	NE	1	● 2 4.09	28	9.0	WSW	6	● 4 3.11	27	21.5	ESE	2	● 7 3.10
						29	8.5	SW	2	● 3 3.18					

Sta- tion	May					June					July				
	Date	°C	Wind	Weather	CO ₂ ml/10 l.	Date	°C	Wind	Weather	CO ₂ ml/10 l.	Date	°C	Wind	Weather	CO ₂ ml/10 l.
Vä	10	7.8	NE 4	4	3.14	1	11.5	WSW 4	4	3.45	4	13.8	NE 4	4	3.26
						28	15.6	WSW 3	10	4.60	26	17.4	NE 2	▽ 10	3.24
						29	17.2	ENE 1	10	3.12	27	15.4	NE 2	▽ 10	3.25
Be	10	13.4	S	4	0	3.02									
	20	6.8	WNW 1	8	3.16										
St						27	13.5	S 4	4	3.08	5	13.5	N 4	7	3.17
						28	11.0	S 2	10	4.25	26	18.0	SW 1	2	2.59
						29	16.0	S 2	7	4.06	27	16.0	NW 2	10	3.02
Ta						27	12.0	ESE 4	4	3.07	26	19.1	SSE 1	0	3.16
						28	12.6	calm	4	2.99	27	19.6	SE 1	2	3.15
						29	7.4	NE 4	●° 8	3.00					
Öd						1	18.0	SW 4	∞ 4	2.81					
						27	18.4	SW 6	10	3.63	4	22.8	E 2	●	3.33
	10	11.2	NE 4	4	3.42	28	17.3	SW 4	= 10	3.21	26	14.8	W 4	▽ 10	3.13
	20	12.0	NW 4	2	3.12	29	26.8	SW 6	4	3.32	27	16.2	S 1	▽ 8	3.16
As						1	14.2	SW 2	0	3.29					
	10	12.7	ESE 2	4	3.09	28	20.2	SW 9	6	3.13	4	23.2	NW 1	8	3.32
	20	11.4	WNW 2	2	3.13	29	24.6	W 2	0	3.06	26				
											27	16.2	W 2	8	3.15

Symbols used for description of weather conditions, are those, internationally used. The numbers in the weather-column give the cloudiness and the wind force in Beauforts.

S. FONSELIUS
Intern. Inst. of Meteor., Stockholm

F. KOROLEFF
Inst. of Marine Research, Helsinki