

Current Data on the Chemical Composition of Air and Precipitation VII

(For further information see EGNÉR, H., ERIKSSON, E., *Tellus* 7, pp. 134—139, and *Tellus* 8, p. 285)

Code	Precipitation April 1956 (D 604)											Air April 1956 (L 604)							
	mm	mg/m ²							pH	$\frac{\text{HCO}_3^- - \mu\text{val}}{1}$	$\frac{\text{N} \cdot 10^6}{\text{Q} \cdot \text{cm}}$	$\mu\text{g}/\text{m}^3 (= \text{kg}/\text{km}^3)$							
		S	Cl	NO ₃ -N	NH ₃ -N	Na	K	Mg				Ca	S	Cl	NH ₃ -N	Na	K	Mg	Ca
Ri	23	4	2	0	2	2	0	1	6	6.1	12	4	*	*	*	*	*	*	*
Ki	25	10	4	0	0	5	2	2	6	5.7	8	6	1.3	0.9	0.7	2.7	4.0	0.3	7.7
Ar	22	5	15	2	4	19	3	4	29	6.5	52	18	3.5	0.0	1.7	1.6	1.4	0.1	3.6
Öj	17	23	124	3	5	25	4	5	108	6.7	67	53	2.2	1.3	2.7	2.5	3.2	5.6	5.9
Rö	1	*	6	*	*	9	*	*	*	*	*	*	5.5	3.8	1.3	1.0	2.1	3.5	6.9
Of	12	13	17	1	2	18	3	4	21	6.8	74	19	0.0	0.0	2.4	2.4	3.7	12.	10.
Br	4	5	15	1	2	11	7	2	6	6.5	*	37	1.7	0.0	0.5	0.5	0.7	0.2	0.9
ÄF	29	33	17	2	3	17	4	13	20	6.1	12	11	2.6	1.6	1.0	1.0	1.3	0.5	3.9
ÄH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sv	18	12	6	1	1	11	0	3	14	6.5	35	12	—	—	—	—	—	—	—
Rä	9	13	13	1	1	4	4	5	116	7.3	380	78	0.6	0.2	1.4	0.8	2.5	0.2	4.0
Äm	22	28	8	2	3	5	5	2	9	5.7	0	9	0.6	2.3	1.4	1.5	2.1	0.1	4.9
Sa	16	30	9	3	6	9	4	4	37	5.8	5	27	0.0	1.8	1.3	0.5	1.2	0.1	1.7
Ul	15	40	13	3	8	5	4	3	15	5.0	0	31	8.8	0.4	1.1	0.6	1.3	0.1	4.3
Er	10	16	6	1	1	6	2	3	9	5.8	9	17	0.0	0.0	0.7	0.4	2.0	0.3	0.2
St	18	28	9	1	0	9	10	5	51	6.8	74	27	2.7	0.0	2.4	0.9	0.3	0.2	1.7
Fo	13	16	9	3	4	13	4	3	13	5.9	8	26	0.0	5.6	1.7	1.3	0.0	0.0	3.1
Kv1	10	260	15	4	13	28	11	9	255	5.8	14	190	22.	0.0	4.0	0.7	0.7	0.7	13.
Kv7	12	35	11	2	8	7	3	3	22	4.8	0	38	2.4	2.2	2.8	1.1	0.5	10.	10.
VN	18	15	8	2	3	10	5	4	12	6.3	24	14	—	—	—	—	—	—	—
La	10	28	17	3	5	14	6	4	37	6.8	67	41	1.0	8.9	3.2	1.4	3.3	5.2	14.
Bo	11	30	56	5	5	44	7	8	34	6.8	67	55	*	*	*	*	*	*	*
Vi	13	31	123	5	4	80	6	36	15	5.0	0	58	5.9	11.	2.0	4.1	0.0	1.5	14.
Fa	33	35	17	6	7	12	5	4	30	5.2	0	16	1.6	8.6	1.0	0.5	0.0	0.5	2.3
Fl	20	29	7	2	3	6	5	18	17	5.3	0	15	2.8	0.0	1.5	0.7	0.8	0.2	1.5
Am	34	36	17	4	6	20	6	5	30	6.0	11	15	—	—	—	—	—	—	—
Si	54	103	75	19	40	40	8	8	30	4.4	0	38	—	—	—	—	—	—	—
Pl	20	59	52	11	30	42	6	7	33	6.0	17	42	1.2	0.0	6.0	0.7	0.6	0.3	5.8
Sö	25	44	16	8	12	9	8	5	55	5.9	10	24	—	—	—	—	—	—	—
Sm	33	49	20	8	15	12	6	4	32	4.8	0	25	*	*	*	*	*	*	*
Sy	29	50	52	10	13	12	6	5	122	6.7	69	34	*	*	*	*	*	*	*
BH	24	65	25	6	11	9	62	7	26	4.5	0	42	2.7	0.3	2.3	0.3	1.0	0.0	2.8
Ha	19	57	34	8	20	25	8	13	56	5.8	8	40	—	—	—	—	—	—	—
Al	31	88	45	12	31	29	15	10	60	5.0	0	37	5.0	0.0	2.5	1.0	1.8	6.1	5.6
Hi	8	29	7	4	9	16	5	1	15	5.2	0	35	—	—	—	—	—	—	—
Äs	11	30	10	6	10	8	6	3	30	4.8	0	40	1.6	7.1	2.5	1.8	8.8	1.7	25.
Vä	3	*	42	1	1	21	*	*	*	*	*	*	*	*	*	*	*	*	*
Li	33	104	660	17	16	365	22	44	46	4.4	0	110	0.6	10.	0.9	6.5	0.0	12.	11.
Ka	11	19	9	2	4	8	12	2	26	6.3	34	23	12.	3.8	3.0	0.7	0.6	1.2	19.
Ku	2	*	0	1	6	5	*	*	*	*	*	*	*	*	*	*	*	*	*
Jy	8	15	3	1	1	10	5	2	18	6.4	25	20	6.8	0.0	0.5	0.4	0.5	1.9	2.9
Tv	52	46	20	5	7	11	8	5	77	6.3	22	13	*	*	*	*	*	*	*
Öd	15	47	46	6	22	28	7	5	37	5.5	0	42	9.7	6.8	4.0	1.4	0.0	0.8	8.1
As	16	87	60	14	49	41	15	9	134	4.7	0	86	20.	3.2	5.3	2.2	1.2	0.3	11.
Ty	11	62	70	38	49	52	16	15	130	4.4	0	157	7.4	23.	5.9	10.	1.6	1.2	9.7
Ab	30	70	104	2	1	70	10	13	68	5.7	0	29	29.	4.6	2.8	2.0	0.3	2.3	6.5
Ed	18	60	50	8	8	36	15	10	82	6.1	29	46	19.	2.8	3.7	1.5	0.0	0.5	3.9
Le	52	124	126	44	42	44	13	25	136	4.5	0	51	28.	16.	4.8	1.3	0.0	1.7	26.
Ro	26	104	92	22	9	35	25	11	156	4.3	0	75	29.	11.	3.8	3.7	1.4	6.1	17.
NA	*	*	*	*	*	*	*	*	*	*	*	*	13.	3.1	7.1	2.7	1.9	5.5	21.
Au	89	288	61	44	119	39	36	36	290	5.6	10	39	26.	4.6	10.	1.1	0.1	7.3	24.
Gü	119	202	57	42	68	44	24	11	136	4.8	0	25	12.	6.5	4.3	0.6	0.0	0.2	1.3
Fe	100	252	28	48	84	16	24	14	142	4.5	0	35	2.4	8.5	1.0	0.7	0.0	0.1	3.1

— No sampling

* Sample discarded

Code	Precipitation May 1956 (D 605)											Air May 1956 (L 605)							
	mm	mg/m ²							pH	HCO ₃ ⁻ $\frac{\mu\text{val}}{\text{l}}$ $\times 10^6$	$\Omega \cdot \text{cm}$	$\mu\text{g/m}^3 (= \text{kg/km}^3)$							
		S	Cl	NO ₃ -N	NH ₃ -N	Na	K	Mg				Ca	S	Cl	NH ₃ -N	Na	K	Mg	Ca
Ri	74	31	75	5	5	47	6	8	26	5.3	0	11	*	*	*	*	*	*	*
Ki	20	11	32	1	0	5	2	2	50	5.9	6	12	1.9	0.0	2.7	0.8	1.4	0.0	5.7
Ar	15	12	18	2	1	23	2	4	32	6.7	63	23	2.3	0.0	1.3	1.6	2.1	0.0	4.6
Öj	8	23	35	2	14	29	10	5	75	*	*	89	6.0	0.0	2.7	1.0	1.4	1.3	8.9
Rö	41	36	29	5	11	27	6	6	40	6.3	12	14	4.9	9.4	1.9	1.1	1.1	1.4	8.7
Of	7	28	18	2	3	28	8	4	42	*	*	60	0.0	11.	4.8	2.4	2.0	0.5	8.0
Br	17	12	10	2	0	18	0	2	23	6.3	9	12	3.5	0.0	1.0	0.7	0.3	6.7	3.0
ÄF	32	16	31	3	1	16	3	2	37	6.3	17	11	1.9	3.2	2.2	2.1	5.7	0.9	8.9
ÄH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sv	13	17	9	3	3	15	3	2	74	6.8	107	34	—	—	—	—	—	—	—
Rä	28	11	20	3	1	15	7	3	124	6.4	39	30	1.1	0.0	3.1	0.9	1.5	0.7	5.6
Äm	12	17	7	2	1	11	3	2	38	6.1	22	22	1.8	0.0	3.2	1.1	2.0	0.4	5.3
Sa	11	20	12	3	2	15	6	8	55	6.6	18	34	1.4	0.0	1.6	0.6	0.6	0.1	0.0
Ul	16	24	21	4	7	10	5	2	47	6.2	15	24	4.1	0.5	1.4	0.5	0.5	0.5	0.9
Er	25	41	14	3	3	16	7	3	42	5.3	0	16	2.8	2.5	1.6	1.0	1.5	1.4	6.4
St	9	28	17	3	1	15	7	6	51	5.8	11	39	7.5	2.3	2.1	0.9	0.6	0.8	5.8
Fo	19	48	21	6	9	22	6	4	32	5.8	6	40	1.5	3.8	2.2	1.3	1.1	0.4	7.3
Kv1	10	246	55	9	25	35	27	8	320	5.2	0	240	72.	0.0	11.	2.0	2.9	2.9	43.
Kv7	8	33	19	4	6	14	5	3	30	4.6	0	66	12.	0.0	4.1	1.1	1.1	0.9	14.
VN	12	25	24	4	5	18	3	5	28	6.1	28	36	—	—	—	—	—	—	—
La	27	33	16	6	5	16	6	4	22	5.8	1	14	*	*	*	*	*	*	*
Bo	11	31	101	6	3	81	6	16	45	6.7	96	72	6.3	51.	1.8	31.	1.7	3.7	13.
Vi	15	42	333	7	4	195	9	27	41	4.7	0	115	10.	280.	2.7	27.	5.3	15.	19.
Fa	7	23	34	4	2	12	10	5	64	*	*	81	1.8	0.0	2.5	1.2	0.0	1.7	7.2
Fl	32	77	44	12	119	38	33	9	56	7.1	179	54	3.8	3.7	2.5	1.6	0.5	3.4	22.
Am	34	48	74	1	6	45	7	12	42	5.0	0	29	—	—	—	—	—	—	—
Si	40	77	80	13	19	57	12	17	40	4.5	0	39	—	—	—	—	—	—	—
Pl	33	65	99	13	24	68	8	12	57	4.9	0	39	1.0	8.7	4.4	4.0	0.0	1.0	4.2
Sö	29	84	44	11	90	35	22	9	47	6.6	107	48	—	—	—	—	—	—	—
Sm	11	26	22	5	3	27	10	10	47	6.4	50	44	3.3	2.7	3.1	1.6	0.7	3.8	4.6
Sy	6	18	18	9	1	7	6	4	64	6.6	*	62	1.5	8.5	3.1	1.4	1.1	0.6	10.
BH	8	35	26	7	4	19	8	6	46	5.3	0	62	2.7	2.5	2.7	0.8	0.2	0.3	2.8
Ha	19	41	41	8	14	27	7	9	46	5.9	11	39	—	—	—	—	—	—	—
Al	22	79	55	14	19	43	14	16	112	6.2	35	61	5.6	1.2	5.1	1.9	0.5	1.9	9.4
Hi	8	12	11	3	5	9	1	4	2	5.3	0	27	—	—	—	—	—	—	—
Äs	23	46	22	9	15	15	8	5	32	4.9	0	34	14.	6.1	3.2	1.8	0.1	1.1	17.
Vä	23	8	0	0	1	0	0	3	2	5.8	6	2	*	*	*	*	*	*	*
Li	56	96	900	14	11	470	23	66	51	4.5	0	85	3.6	48.	1.5	74.	1.5	3.2	9.3
Ka	29	29	13	5	5	13	7	4	32	5.6	6	14	4.1	3.4	2.3	0.8	0.0	0.9	18.
Ku	37	34	18	6	10	16	2	4	29	5.4	0	14	*	*	*	*	*	*	*
Jy	28	27	54	6	7	16	5	4	60	5.8	0	22	0.2	0.6	1.1	0.6	0.4	0.1	4.7
Tv	14	16	10	3	4	13	2	3	33	5.5	0	19	—	—	—	—	—	—	—
Öd	11	37	49	12	7	33	1	6	56	5.6	6	60	5.3	14.	7.2	3.9	0.8	0.5	5.5
As	16	70	97	14	29	63	26	36	67	6.0	21	76	2.7	4.8	4.5	2.2	0.7	4.6	22.
Ty	15	42	60	10	13	44	10	13	74	6.6	68	57	4.7	16.	7.1	7.1	1.5	6.0	25.
Ab	7	18	60	0	0	50	2	9	49	*	*	87	14.	0.0	4.1	3.1	0.0	2.7	29.
Ed	25	40	124	4	2	79	48	19	77	6.7	106	50	6.7	9.4	13.	4.1	1.6	0.8	0.0
Le	14	67	83	10	12	35	6	28	94	5.5	0	73	—	—	—	—	—	—	—
Ro	13	45	40	11	5	25	9	8	94	5.9	16	62	17.	5.5	3.5	2.8	0.7	4.7	12.
NA	14	55	60	9	19	32	9	10	74	6.0	19	61	6.8	4.5	6.7	3.9	1.4	10.	7.1
Au	67	127	46	23	17	26	16	27	163	6.0	14	31	14.	8.1	7.5	1.1	0.6	0.7	5.0
Gü	128	130	53	22	29	31	43	12	92	5.5	0	13	9.4	4.1	4.2	1.5	0.7	0.7	9.8
Fe	95	134	59	30	41	43	18	13	82	5.3	0	21	4.8	3.7	2.5	1.9	0.9	0.6	3.6
Sc	22	69	100	19	28	57	12	12	81	5.7	5	62	7.8	16.	8.9	6.1	0.2	3.8	9.3

— No sampling

* Sample discarded

Code	Precipitation June 1956 (D 606)											Air June 1956 (L 606)								
	mm	mg/m ²							pH	HCO_3^- $\frac{\mu\text{val}}{\text{l}}$	$\kappa \cdot 10^6$	$\Omega \cdot \text{cm}$	$\mu\text{g}/\text{m}^3$ (= kg/km ³)							
		S	Cl	$\text{NO}_3\text{-N}$	$\text{NH}_3\text{-N}$	Na	K	Mg					Ca	S	Cl	$\text{NH}_3\text{-N}$	Na	K	Mg	Ca
Ri	81	27	74	3	3	33	6	9	51	5.9	4	9	3.3	4.3	1.4	2.2	0.6	0.3	6.4	
Ki	71	23	27	5	2	6	13	13	45	5.5	0	9	5.1	3.0	1.3	1.0	0.9	2.0	17.	
Ar	57	38	22	5	5	31	8	9	56	6.3	29	11	0.0	0.0	1.5	0.7	0.2	0.0	0.7	
Öj	83	93	46	13	28	34	21	3	123	6.2	29	18	—	—	—	—	—	—	—	
Rö	48	38	16	6	8	27	12	5	56	6.0	9	13	*	*	*	*	*	*	*	
Of	68	73	32	7	8	42	30	13	74	6.0	17	16	4.0	0.0	3.9	2.3	1.5	0.0	0.0	
Br	83	41	10	9	14	8	8	4	29	5.0	0	12	0.1	2.3	1.0	0.6	0.0	5.1	0.0	
ÄF	102	70	47	6	10	26	22	2	61	5.5	0	8	1.3	0.0	0.9	0.7	2.0	0.5	2.8	
ÄH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Sv	96	32	15	10	11	43	9	8	87	6.4	32	10	—	—	—	—	—	—	—	
Rä	74	20	33	10	7	19	14	6	167	6.6	73	17	4.0	3.0	2.0	1.0	0.0	0.0	5.3	
Äm	85	56	23	7	12	17	14	9	45	5.7	2	10	3.2	2.9	1.6	1.3	0.6	2.1	4.7	
Sa	130	40	19	12	5	16	29	3	86	5.1	0	12	2.4	0.0	1.5	0.6	0.0	0.8	4.9	
Ul	89	60	25	14	18	12	12	5	49	4.8	0	12	2.3	0.6	1.1	0.8	0.4	4.5	0.6	
Er	62	89	33	11	27	25	43	15	61	5.6	10	19	4.3	2.6	1.5	1.8	0.4	2.4	5.5	
St	107	70	34	14	4	25	23	12	126	5.4	0	14	2.7	1.6	1.8	0.9	0.4	0.5	4.4	
Fo	178	69	73	65	46	51	32	8	140	4.7	0	22	*	*	*	*	*	*	*	
Kv1	46	637	78	14	67	23	45	20	787	6.0	16	161	42.	0.0	1.9	0.6	0.1	1.8	11.	
Kv7	49	91	31	9	7	13	14	15	83	4.6	0	31	8.4	4.8	3.0	1.1	0.5	1.9	15.	
VN	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
La	35	47	61	9	22	37	42	10	93	6.1	56	33	*	*	*	*	*	*	*	
Bo	60	71	264	14	15	160	15	23	81	5.6	4	34	0.8	24.	2.5	1.8	1.0	2.3	5.1	
Vi	44	108	894	15	10	481	28	59	80	4.7	0	105	4.8	19.	1.8	1.3	0.6	2.4	0.3	
Fa	103	49	45	15	4	28	44	15	182	6.1	40	19	3.2	5.3	2.8	1.3	0.4	1.0	1.4	
Fl	71	78	58	12	41	33	40	15	75	5.8	17	20	2.3	3.7	1.7	1.5	0.9	0.3	1.9	
Am	106	77	67	14	19	53	17	17	45	5.1	0	16	—	—	—	—	—	—	—	
Si	102	105	192	29	17	107	35	17	64	4.6	0	28	—	—	—	—	—	—	—	
Pl	76	82	107	19	37	62	16	11	49	4.8	0	26	1.3	3.5	3.1	1.6	0.5	0.4	2.3	
Sö	55	68	48	12	19	30	20	8	49	4.6	0	31	—	—	—	—	—	—	—	
Sm	52	66	23	12	2	29	35	8	76	5.5	0	20	1.6	0.0	2.5	0.8	0.1	0.7	5.2	
Sy	59	75	46	17	30	16	15	7	107	4.7	0	31	*	*	*	*	*	*	*	
BH	49	59	34	12	4	30	35	13	57	5.3	0	22	2.9	1.5	2.2	1.0	0.0	0.3	1.8	
Ha	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Al	52	111	42	18	31	37	16	42	127	5.8	7	30	4.0	1.6	4.3	1.2	0.4	1.9	9.4	
Hi	44	54	29	10	14	66	12	9	41	6.4	19	20	—	—	—	—	—	—	—	
Äs	106	82	45	13	13	28	11	6	45	4.8	0	15	5.2	2.8	2.1	1.5	0.8	1.1	15.	
Vä	47	54	19	7	8	13	10	7	61	5.1	0	19	*	*	*	*	*	*	*	
Li	53	142	1440	12	5	716	50	61	83	4.6	0	123	8.7	114.	1.9	59.	2.9	9.0	10.	
Ka	44	51	22	8	8	12	17	7	71	5.7	3	19	*	*	*	*	*	*	*	
Ku	47	58	14	6	5	10	10	7	53	4.9	0	16	*	*	*	*	*	*	*	
Jy	73	72	43	7	14	14	16	3	84	5.0	0	18	1.4	2.4	1.5	0.7	0.2	1.3	8.6	
Tv	39	69	33	10	19	22	20	9	77	5.7	9	24	*	*	*	*	*	*	*	
Öd	71	95	80	17	28	44	27	15	76	4.9	0	25	1.5	2.7	4.3	2.8	0.6	1.4	2.0	
As	63	95	118	64	62	80	50	18	68	6.3	29	32	0.8	0.2	4.1	2.2	0.2	2.0	6.1	
Ty	30	64	33	16	25	35	13	9	100	6.4	39	36	0.6	21.	5.6	11.	0.0	4.2	18.	
Ab	34	42	75	1	0	69	11	14	95	6.5	58	32	8.3	4.3	3.8	3.3	0.0	1.3	21.	
Ed	58	84	84	4	1	56	32	14	101	5.0	0	25	13.	3.4	2.8	1.5	0.0	1.4	7.9	
Le	73	136	127	18	24	51	18	36	173	4.8	0	36	20.	7.6	4.5	1.7	0.0	3.2	16.	
Ro	96	212	148	31	23	72	29	11	171	4.5	0	40	17.	4.7	4.3	2.3	0.7	2.6	12.	
NA	57	77	212	13	12	138	27	23	134	6.1	65	39	3.3	3.1	4.7	2.4	0.9	1.9	13.	
Au	47	123	38	21	27	21	19	27	181	5.8	0	37	7.8	0.4	5.9	1.1	0.8	7.2	12.	
Gü	78	98	33	15	18	45	17	11	120	5.4	0	19	1.7	4.0	3.0	1.1	0.3	3.7	11.	
Fe	84	129	36	16	29	24	14	9	121	4.9	0	23	2.5	0.0	1.4	1.9	0.6	0.7	4.7	
Sc	45	113	172	19	19	98	16	16	146	4.6	0	53	—	—	—	—	—	—	—	

— No sampling

* Sample discarded

Code	Precipitation July 1956 (D 607)											Air July 1956 (L 607)							
	mm	mg/m ²							pH	$\text{HCO}_3^- \mu\text{val}$ $\times 10^6$ $\frac{1}{Q \cdot \text{cm}}$	$\mu\text{g}/\text{m}^3 (= \text{kg}/\text{km}^3)$								
		S	Cl	$\text{NO}_3^- \text{N}$	$\text{NH}_3^- \text{N}$	Na	K	Mg			Ca	S	Cl	$\text{NH}_3^- \text{N}$	Na	K	Mg	Ca	
Ri	3	*	18	1	2	13	*	*	*	*	*	*	*	*	*	*	*	*	*
Ki	69	37	14	1	1	9	7	2	52	6.3	14	8	2.6	4.3	1.9	1.5	2.1	1.5	11.
Ar	52	22	11	4	3	9	7	3	34	6.3	11	8	0.0	0.0	1.5	1.1	0.7	0.1	0.0
Öj	26	19	31	3	8	14	15	3	53	6.4	40	21	1.0	1.3	2.9	0.8	2.0	0.9	5.0
Rö	60	47	21	6	31	15	22	4	33	6.2	15	13	*	*	*	*	*	*	*
Of	103	69	22	4	1	24	12	12	41	5.6	0	7	*	*	*	*	*	*	*
Br	79	32	9	4	4	14	6	3	21	5.3	0	7	1.6	1.9	2.0	0.6	0.5	0.3	7.3
ÄF	79	45	14	3	5	12	7	2	32	5.7	3	6	*	*	*	*	*	*	*
ÄH	46	29	19	3	3	17	13	2	25	6.1	10	7	*	*	*	*	*	*	*
Sv	87	33	20	3	1	15	11	3	160	6.7	62	13	—	—	—	—	—	—	—
Rä	58	26	37	4	0	18	14	3	167	6.8	92	21	0.6	2.6	2.6	1.4	1.1	0.2	10.
Äm	58	39	12	5	3	13	7	4	32	5.6	0	9	*	*	*	*	*	*	*
Sa	69	49	15	5	6	10	8	6	49	5.3	0	11	3.0	2.0	1.7	0.8	0.6	1.1	8.1
Ul	86	66	26	10	16	15	11	5	36	4.9	0	15	1.4	0.4	1.5	0.4	0.6	0.5	7.6
Er	51	47	14	3	4	11	14	7	25	5.0	0	13	7.2	2.3	2.3	0.9	1.6	6.3	12.
St	66	50	15	4	1	19	12	6	53	5.4	0	11	0.2	2.0	1.7	0.8	0.8	1.0	7.9
Fo	72	45	14	5	3	25	7	8	43	5.5	0	9	1.4	3.6	2.2	1.7	1.3	0.3	17.
Kv1	50	540	50	8	52	20	36	23	498	4.3	0	114	29.	3.9	6.4	1.2	1.5	5.2	2.1
Kv7	55	61	28	6	14	13	12	7	36	4.6	0	25	1.1	0.0	3.8	2.2	1.8	4.6	23.
Vk	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
La	50	43	84	7	14	37	18	8	56	6.2	14	17	3.6	0.0	3.7	9.0	2.3	1.3	2.3
Bo	81	88	239	14	27	156	13	24	70	6.2	6	25	1.3	0.3	1.5	2.3	0.6	0.5	1.1
Vi	33	98	2140	12	11	1140	46	148	105	5.4	0	261	1.9	77.	1.9	43.	2.4	5.8	11.
Fa	50	34	23	2	1	11	6	5	35	5.6	0	10	4.0	0.0	3.1	2.8	2.1	1.6	0.0
Fl	75	42	63	7	13	35	17	8	39	5.6	0	12	1.1	1.0	1.7	1.7	1.3	0.7	3.4
Am	102	86	195	9	7	111	12	16	49	5.6	0	14	—	—	—	—	—	—	—
Si	91	72	310	10	6	163	18	21	59	5.1	0	22	—	—	—	—	—	—	—
Pl	48	62	366	12	10	203	19	33	77	6.0	17	44	5.5	5.6	4.0	3.2	1.1	0.5	0.0
Sö	24	37	63	4	19	37	12	11	51	6.5	60	34	—	—	—	—	—	—	—
Sm	38	34	22	5	1	19	11	6	47	6.3	19	14	0.5	0.0	2.4	2.0	1.1	0.7	13.
Sy	51	38	38	7	11	15	18	7	71	6.2	20	15	*	*	*	*	*	*	*
BH	44	46	99	8	4	60	18	17	44	5.5	0	23	2.4	2.8	1.7	0.7	0.3	1.1	4.4
Sk	42	58	92	19	23	53	19	12	73	5.9	11	28	—	—	—	—	—	—	—
Al	30	60	88	10	10	61	13	11	84	6.2	20	37	*	*	*	*	*	*	*
Hi	22	22	51	5	14	36	6	6	34	6.4	32	27	—	—	—	—	—	—	—
Äs	80	76	41	15	17	29	15	8	54	4.8	0	20	1.1	0.0	3.3	1.6	1.5	2.3	11.
Vä	58	65	21	6	3	10	16	8	58	5.2	0	15	*	*	*	*	*	*	*
Li	103	112	1260	23	31	790	40	87	110	4.6	0	72	18.	267.	2.4	156.	6.9	22.	20.
Ka	38	25	18	0	3	13	12	7	112	6.5	80	22	*	*	*	*	*	*	*
Ku	73	36	8	1	3	7	7	3	25	5.9	3	5	*	*	*	*	*	*	*
Jy	42	32	25	1	2	7	6	4	43	6.0	10	10	1.3	3.0	1.1	0.7	0.6	1.1	7.1
Tv	56	47	20	2	1	17	15	5	36	5.6	0	10	1.7	9.5	2.0	1.6	1.0	4.5	21.
Öd	58	77	178	18	22	96	24	14	98	5.5	0	35	0.4	2.4	0.5	3.6	0.7	1.1	5.6
As	38	96	603	13	25	390	36	222	90	6.0	14	82	2.8	2.3	5.3	6.8	0.6	3.4	8.1
Ty	52	91	175	19	33	349	34	12	95	6.8	160	52	5.4	5.1	6.8	11.	1.1	1.9	5.7
Ab	127	122	130	1	3	115	18	23	122	5.5	0	17	7.6	1.5	4.1	5.0	1.5	2.1	13.
Ed	142	140	83	18	15	65	24	21	113	4.8	0	21	5.6	0.0	2.2	2.3	0.5	1.1	11.
Le	72	146	83	23	32	45	17	33	133	5.3	0	29	17.	9.4	5.6	2.5	1.3	9.8	19.
Ro	61	101	67	19	30	67	16	10	76	5.0	0	28	11.	5.2	3.5	3.5	1.4	1.6	12.
NA	97	159	398	20	16	212	34	36	175	6.0	17	33	9.3	5.4	5.5	2.1	1.2	1.6	6.1
Au	125	173	42	29	54	16	19	29	150	5.8	8	17	0.7	2.6	5.5	1.1	1.0	0.8	5.5
Ba	145	100	30	16	11	27	30	11	81	5.5	0	9	0.0	4.8	2.9	1.3	1.2	1.8	11.
Fe	162	136	45	23	26	23	16	13	123	5.9	8	10	2.5	2.6	1.4	1.2	0.7	0.6	8.0
Sc	68	113	346	22	24	202	32	26	159	5.7	10	44	1.6	8.5	8.0	7.5	1.8	3.6	10.
BV	180	33	66	35	59	94	38	66	308	5.5	0	23	*	*	*	*	*	*	*
Ho	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bn	54	378	111	40	65	40	28	63	704	6.4	80	62	27.	5.8	11.	8.2	3.9	2.8	31.

— No sampling

* Sample discarded

Uppsala, October 20, 1956

Gunnar Brodin

R. Agricultural College

The chemical network has been extended with new stations in Belgium and Holland in collaboration with Dr. J. Grandjean (Institut Royal Météorologique d'Uccle, Belgium) and Dr. Hauer (Koninklijk Nederlands Meteorologisch Instituut de De Bilt, Holland),

The analytical determinations are carried out by Dr. J. Bouquiaux and Mr. M. Mertens at the Institute of Public Health, Brussels.

Coordinates and altitudes of the stations are given in the table below.

Code	Precipitation March 1956, D 603											Air March 1956, L 603								
	mm	mg/m ²								pH	$\text{HCO}_3^- \frac{\mu\text{val}}{\text{l}}$	$\alpha \cdot 10^6$	$\Omega \cdot \text{cm}$	$\mu\text{g/m}^3$ (= kg/km ³)						
		S	Cl	$\text{NO}_3^- \text{N}$	$\text{NH}_3 \text{N}$	Na	K	Mg	Ca					S	Cl	$\text{NH}_3 \text{N}$	Na	K	Mg	Ca
U	31	70	56	4	6	21	8	2	56	4.4	0	51	63.	9.1	1.6	3.0	1.5	0.8	1.4	
SA	26	56	50	3	3	37	11	3	59	4.6	0	44	17.	8.0	2.0	2.2	0.8	0.7	1.2	
B	133	150	144	7	9	45	12	7	83	4.6	0	22	5.9	23.	1.2	3.0	1.0	1.2	3.2	
D	55	50	52	3	4	21	7	3	47	4.9	0	18	16.	6.2	1.3	1.9	0.8	1.0	1.2	
DB	—	—	—	—	—	—	—	—	—	—	—	—	42.	9.0	1.7	3.7	1.3	1.7	1.9	
April 1956, D 604																				
U	28	116	59	38	67	27	12	3	114	4.6	0	64	57.	11.	6.8	2.0	1.0	0.7	4.2	
SA	26	83	69	29	35	38	8	4	68	4.3	0	57	15.	6.1	5.6	1.6	0.4	0.4	2.1	
B	68	139	78	66	106	48	16	7	152	5.2	0	39	14.	9.2	3.9	3.7	0.6	0.7	4.7	
D	39	36	43	43	77	19	10	8	96	4.9	0	47	11.	5.4	5.0	2.7	0.6	0.1	3.4	
DB	32	102	72	29	47	38	11	4	78	4.4	0	54	16.	11.	7.8	6.4	0.6	0.2	7.0	
May 1956, D 605																				
U	28	×	49	40	40	42	16	×	165	4.9	0	73	38.	6.2	6.7	1.5	1.1	1.0	2.3	
SA	30	75	72	28	12	41	22	7	86	5.4	0	39	8.6	2.7	2.9	1.0	0.3	0.1	1.8	
B	133	231	111	62	63	64	26	9	187	5.0	0	26	5.3	19.	5.9	3.9	1.6	0.0	11.	
D	74	218	102	83	100	45	26	15	191	5.3	0	40	14.	4.8	4.0	1.5	0.6	0.8	2.0	
DB	28	118	71	28	29	56	15	15	90	5.2	0	54	20.	2.9	9.2	1.7	0.6	1.3	2.2	
June 1956, D 606																				
U	91	205	83	85	108	46	20	13	112	4.4	0	39	18.	14.	9.7	1.3	0.8	0.4	2.6	
SA	101	184	165	86	89	99	32	7	90	4.5	0	35	7.3	7.4	5.7	1.7	0.8	0.2	1.4	
B	145	239	66	109	133	51	18	6	89	4.4	0	31	5.7	11.	4.6	1.2	0.4	0.3	1.2	
D	52	89	39	41	42	25	9	4	69	4.9	0	23	10.	7.9	5.9	2.4	0.5	1.2	1.4	
DB	57	129	75	50	58	55	13	6	90	4.6	0	38	15.	18.	9.9	2.0	0.7	1.2	1.4	
July 1956, D 607																				
U	79	124	28	49	57	30	19	10	108	4.7	0	31	8.2	2.9	6.5	1.4	1.2	0.9	2.2	
SA	46	71	10	23	21	41	22	7	51	4.7	0	28	5.5	4.5	3.6	1.3	0.7	0.1	0.7	
B	102	169	76	38	39	38	18	10	77	4.7	0	26	1.6	2.3	2.7	0.9	0.5	0.1	1.0	
D	47	36	47	18	10	21	6	5	52	5.4	0	16	5.5	2.2	3.8	1.6	0.5	0.1	1.2	
DB	124	242	185	69	59	131	33	21	93	4.4	0	38	3.9	4.9	7.6	2.8	1.0	1.7	2.1	
July 1956, L 607																				

Brussels in October, 1956

A. MERTENS. J. BOUQUIAUX

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Coordinates of New Sampling Stations for Air and Precipitation (cf *Tellus* 8, p. 825)

Station	Code	Altitude m	Latitude °N	Longitude °E
Baldenwegerhof (replaces Güntersthal Gü) ..	Ba	370	47.8	7.9
Schleswig	Sc	48	54.5	9.6
Braunschweig—Völkenrode	BV	83	52.3	10.5
Hohenpeissenberg	Ho	900	47.8	11.0
Bonn	Bn	62	50.7	7.1
Skurup (replaces Hammenhög Ha)	Sk	40	55.5	13.5
Uccle	U	100	50.8	4.4
Bruges St. André	SA	14	51.2	3.2
Botrange	B	694	50.5	6.1
Dourbes	D	224	50.1	4.6
De Bilt	DB	10	52.1	5.1