

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	D 602											L 602							
	mm	mg/m³							pH	$\frac{\text{HCO}_3^-}{\mu\text{val}} \cdot 10^6$	$\frac{\text{Q}}{\text{cm}}$	$\mu\text{g/m}^3 (= \text{kg/km}^3)$							
		S	Cl	NO ₃ -N	NH ₃ -N	Na	K	Mg				Ca	S	Cl	NH ₃ -N	Na	K	Mg	Ca
Ri	21	10	71	2	3	37	3	6	19	6.2	25	20	3.7	1.4	2.0	3.1	5.7	2.0	19.
Ki	15	11	7	1	1	6	1	3	33	5.5	0	13	1.3	6.7	0.8	0.9	1.5	0.5	4.6
Ar	17	17	24	3	2	9	3	4	17	5.4	0	16	8.0	5.7	1.9	2.0	1.0	2.0	5.8
Öj	17	21	21	4	2	24	5	7	62	6.9	98	33	*	*	*	*	*	*	*
Rö	20	23	24	5	2	26	2	5	37	6.5	28	22	*	*	*	*	*	*	*
Of	27	37	127	7	23	103	57	6	46	6.9	118	51	5.5	8.7	1.6	0.8	0.8	0.7	6.7
Br	13	15	43	3	5	24	2	10	10	6.1	15	25	2.3	3.5	0.5	1.1	0.3	0.5	0.4
ÄF	29	32	51	2	2	30	2	5	16	5.7	0	13	11.	2.2	1.8	2.0	1.0	0.8	4.5
ÄH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sv	39	36	18	5	2	21	9	6	48	5.2	0	18	—	—	—	—	—	—	—
Rä	11	18	20	4	1	10	4	4	129	7.5	*	74	14.	9.5	1.5	0.7	0.5	0.3	6.6
Äm	31	29	48	7	14	28	17	7	28	5.7	0	22	*	*	*	*	*	*	*
Sa	19	47	43	8	8	23	9	14	72	6.0	11	45	16.	1.2	2.1	0.8	0.4	0.8	2.7
Ul	18	16	17	4	4	10	1	5	18	4.9	0	21	11.	2.7	1.2	0.4	0.3	0.6	0.0
Er	21	19	26	3	2	17	3	5	18	4.9	0	21	*	*	*	*	*	*	*
St	19	22	14	4	1	19	7	5	44	6.4	28	24	13.	2.8	1.6	1.4	0.7	0.1	2.6
Fo	10	15	29	3	2	14	7	5	20	6.0	11	31	10.	3.3	1.9	2.8	3.5	0.5	6.0
Kv1	2	147	17	5	17	15	8	12	205	3.9	*	646	55.	0.0	5.8	0.7	0.5	3.0	10.
Kv7	13	34	21	5	6	11	2	5	29	4.3	0	53	9.5	0.0	2.5	0.6	0.2	1.4	3.7
VN	3	12	12	2	1	11	3	4	19	*	*	85	—	—	—	—	—	—	—
La	5	11	10	2	1	8	1	4	16	*	*	44	0.0	1.6	0.7	2.2	2.7	0.7	6.3
Bo	2	8	28	3	1	13	0	5	3	*	*	82	*	*	*	*	*	*	*
Vi	3	39	505	5	4	276	12	36	25	*	*	761	46.	480.	3.1	220.	14.	29.	51.
Fa	26	24	32	4	4	19	2	5	7	4.6	0	24	7.6	0.0	4.1	1.4	2.0	2.1	15.
Fl	8	13	40	3	5	21	13	4	12	6.5	52	49	*	*	*	*	*	*	*
Am	12	18	14	2	1	17	7	5	25	6.6	54	26	—	—	—	—	—	—	—
Si	32	40	89	6	8	45	11	7	2	4.8	0	27	—	—	—	—	—	—	—
Pl	10	33	73	6	25	44	7	6	24	6.3	44	82	16.	6.5	18.	5.0	1.2	0.9	2.2
Sö	10	43	27	5	6	14	12	6	73	6.3	24	68	—	—	—	—	—	—	—
Sm	24	25	54	5	6	22	2	5	17	4.5	0	30	11.	5.4	1.9	1.5	0.3	0.8	7.7
Sy	22	13	36	6	7	25	4	5	33	6.2	24	22	*	*	*	*	*	*	*
BH	9	23	18	5	3	15	1	4	13	4.9	0	37	*	*	*	*	*	*	*
Ha	8	30	43	8	15	25	5	5	25	5.3	0	72	—	—	—	—	—	—	—
Al	15	37	36	8	10	23	3	7	34	4.9	0	44	21.	7.6	2.7	2.1	0.6	0.0	4.7
Hi	0.4	*	*	*	*	*	*	*	*	*	*	100	—	—	—	—	—	—	—
Äs	0	0	0	0	0	0	0	0	0	—	0	0	*	*	*	*	*	*	*
Vä	5	8	4	2	2	4	1	3	10	*	*	26	*	*	*	*	*	*	*
Li	20	31	376	8	3	207	9	26	21	4.9	0	87	14.	15.	1.2	6.5	0.7	1.1	7.6
Ka	10	14	33	3	4	7	7	2	28	6.3	29	33	9.4	50.	4.1	5.0	11.	1.2	2.8
Ku	1	*	*	*	*	*	*	*	*	*	*	93	0.0	14.	3.9	1.4	0.5	1.0	14.
Jy	5	19	31	4	7	22	18	3	16	*	*	87	5.6	4.2	0.9	0.3	0.2	0.4	4.4
Tv	10	12	74	4	2	41	4	6	13	5.5	0	45	*	*	*	*	*	*	*
Öd	6	28	74	6	17	42	6	7	12	4.8	0	112	14.	41.	5.5	19.	3.4	2.9	5.1
As	16	46	187	7	14	52	21	9	65	4.8	0	80	*	*	*	*	*	*	*
Ty	13	42	110	9	21	55	5	10	15	5.3	0	69	18.	17.	4.1	3.8	0.0	1.1	9.2
Ab	46	80	722	8	10	372	19	48	40	4.4	0	89	18.	25.	3.2	18.	2.0	2.9	19.
Ed	28	72	242	9	21	141	12	21	38	5.4	0	59	*	*	*	*	*	*	*
Le	11	54	308	9	32	148	9	21	46	4.4	0	173	41.	260.	8.3	100.	6.7	16.	16.
Ro	4	23	128	9	5	55	7	10	51	*	*	203	*	*	*	*	*	*	*
NA	4	9	33	4	6	21	3	3	11	*	*	79	26.	7.9	7.5	2.6	0.1	0.1	6.0
Au	1	*	86	*	*	27	*	*	*	*	*	25.	0.5	2.6	1.3	1.5	5.1	5.5	5.5
Gü	16	28	22	12	6	8	2	10	42	5.2	0	34	39.	7.6	4.0	1.0	1.2	0.5	14.
Fe	20	84	19	15	28	16	13	7	30	4.1	0	84	9.2	0.0	1.8	2.1	1.3	0.4	1.7

— No sampling

* Sample discarded

Code	D 603											L 603							
	mm	mg/m ²								pH	$\frac{\text{HCO}_3^-}{\mu\text{val}} \cdot 10^6$	$\mu\text{g/m}^3 (= \text{kg/km}^3)$							
		S	Cl	NO ₃ -N	NH ₃ -N	Na	K	Mg	Ca			S	Cl	NH ₃ -N	Na	K	Mg	Ca	
Ri	52	31	114	4	4	60	6	10	20	5.6	0	16	7.8	4.2	1.3	2.1	2.4	1.5	14.
Ki	1	*	*	*	*	*	*	*	*	*	*	25	0.0	1.5	0.1	0.3	0.0	0.4	0.0
Ar	3	*	12	*	*	8	*	*	*	*	*	*	3.5	4.0	3.1	1.4	0.7	0.2	4.3
Öj	0	0	0	0	0	0	0	0	0	—	0	0	4.7	1.0	2.7	0.8	1.0	3.6	5.9
Rö	0	0	0	0	0	0	0	0	0	—	0	0	14.	6.2	2.2	1.4	0.8	0.1	7.0
Of	5	13	11	1	2	10	1	8	10	*	*	35	6.7	14.	4.4	3.4	2.3	0.4	8.2
Br	4	6	24	1	3	15	13	1	6	*	*	53	3.1	1.5	1.0	0.5	0.0	0.1	2.6
ÄF	24	24	44	3	5	30	3	5	12	5.8	4	19	7.7	4.1	1.4	0.3	0.0	0.6	5.3
ÄH	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sv	4	*	16	*	*	49	*	*	*	*	*	*	—	—	—	—	—	—	—
Rä	4	18	7	3	0	2	9	1	73	*	*	133	5.3	6.4	2.2	1.3	1.1	1.7	11.
Äm	5	5	2	1	0	4	0	1	3	*	*	19	*	*	*	*	*	*	*
Sa	7	5	10	1	1	6	1	1	6	6.5	*	20	9.1	4.7	2.3	0.7	0.5	0.2	4.5
Ul	6	7	8	1	3	4	0	1	2	5.0	*	24	9.3	3.3	2.0	0.5	0.1	0.0	0.0
Er	3	*	14	*	*	22	*	*	*	*	*	*	*	*	*	*	*	*	*
St	4	3	4	0	0	8	0	1	9	*	*	31	9.7	3.2	2.4	0.8	0.4	0.2	5.9
Fo	7	12	13	2	2	12	1	1	14	6.7	44	33	1.8	4.2	1.7	2.5	1.3	0.3	6.3
Kv1	4	128	5	3	8	44	6	5	154	*	*	328	62.	6.7	6.2	1.0	0.6	1.0	15.
Kv7	3	11	3	2	3	3	0	14	9	*	*	52	8.9	3.0	6.2	1.0	0.1	1.3	8.8
VN	9	14	10	3	4	9	2	2	16	6.3	39	29	—	—	—	—	—	—	—
La	0	0	0	0	0	0	0	0	0	—	0	0	*	*	*	*	*	*	*
Bo	16	24	73	5	4	57	10	13	48	6.7	99	55	6.7	4.9	2.1	2.8	1.9	0.4	0.5
Vi	4	18	152	5	3	95	5	77	9	*	*	185	19.	23.	3.1	5.3	0.0	1.1	6.5
Fa	7	12	14	2	2	14	0	3	10	5.9	*	34	0.0	14.	3.9	4.5	2.7	14.	22.
Fl	12	15	37	3	4	26	3	9	15	6.3	38	29	8.0	0.0	2.2	1.9	1.6	0.4	4.6
Am	20	24	171	2	0	94	6	14	15	6.3	21	44	—	—	—	—	—	—	—
Si	20	22	62	4	6	40	4	7	16	5.7	6	25	—	—	—	—	—	—	—
Pl	8	30	128	5	20	76	1	12	23	6.7	79	122	8.5	9.1	9.2	2.3	0.4	0.3	7.5
Sö	16	26	56	6	8	33	4	6	44	6.3	28	38	—	—	—	—	—	—	—
Sm	6	8	20	1	1	21	2	2	11	6.9	*	40	7.0	4.2	2.6	0.7	0.2	4.2	5.7
Sy	9	5	11	1	2	11	0	2	6	6.4	28	17	*	*	*	*	*	*	*
BH	21	26	76	6	10	44	3	8	19	4.9	0	36	8.4	6.4	3.5	0.9	0.1	0.3	3.7
Ha	5	25	76	4	10	47	4	48	27	*	*	118	—	—	—	—	—	—	—
Al	17	31	79	3	10	48	5	76	29	5.8	6	43	3.0	4.9	3.0	1.0	0.0	4.3	3.5
Hi	5	25	45	6	1	76	4	15	13	*	*	107	—	—	—	—	—	—	—
Äs	23	33	10	8	13	15	3	4	24	5.0	0	28	8.3	14.	5.6	1.2	0.8	0.8	3.5
Vä	2	*	*	*	*	*	*	*	*	*	*	56	*	*	*	*	*	*	*
Li	19	33	1630	7	5	850	33	101	59	5.6	5	333	4.4	21.	1.8	12.	0.6	3.2	2.5
Ka	1	*	*	*	*	*	*	*	*	*	*	87	*	*	*	*	*	*	*
Ku	8	9	3	2	2	2	0	2	10	5.7	12	18	8.6	5.9	4.4	2.4	0.0	0.1	0.0
Jy	6	7	8	1	3	9	4	1	9	6.5	*	28	1.0	1.5	0.7	0.3	0.0	0.0	2.9
Tv	4	4	13	1	1	9	0	2	5	*	*	32	2.0	2.6	0.6	0.5	0.2	0.0	2.3
Öd	19	39	160	8	20	76	6	12	28	5.1	0	63	8.4	1.9	4.6	2.1	0.6	0.1	7.9
As	31	56	386	10	20	206	16	26	46	4.9	0	74	11.	5.6	4.9	1.9	0.0	0.2	2.7
Ty	10	17	113	3	5	65	3	39	32	6.7	110	71	16.	10.	7.1	3.3	0.2	0.5	13.
Ab	34	73	614	38	56	347	20	44	53	4.6	0	122	31.	19.	5.3	5.2	1.2	2.5	29.
Ed	33	37	231	13	17	111	9	19	37	5.5	0	46	11.	1.8	4.3	1.6	0.1	0.2	12.
Le	16	63	202	23	29	84	11	19	84	4.8	0	115	29.	47.	6.7	28.	2.0	4.3	15.
Ro	22	54	77	18	12	37	14	29	76	5.1	0	56	27.	13.	5.4	3.2	1.2	0.6	17.
NA	39	89	450	25	48	233	17	31	90	5.9	23	76	14.	17.	7.8	4.2	0.2	0.0	5.1
Au	20	57	31	15	20	20	9	31	68	5.9	14	48	39.	6.9	11.	1.6	2.8	8.6	23.
Gü	32	51	22	22	34	12	7	7	37	4.7	0	36	37.	2.4	5.3	1.6	1.1	8.9	7.4
Fe	53	48	35	12	17	26	5	10	39	5.6	7	16	7.6	0.0	2.5	2.2	1.2	1.4	2.5

— No sampling

• Sample discarded

Uppsala, May 29, 1956

G. Brodin

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