Current Data on the Chemical Composition of Precipitation and Air IV

(For further information see Egnér, H., Eriksson, E., *Tellus* **7**, 134—139, 1955.)

Precipitation July 1955. D 507

Station	Code	mm	mg/m²								pH	$\frac{\mu val}{l}$ HCO_3^-	ohm^{-1} cm^{-1} $\varkappa \cdot 10^6$
			S	Cl	NO_3-N	NH_3-N	Na	K	Mg	Ca			
Riksgränsen	Ri	51	17	76	5	2	46	7	5	21	6.0	15	14
Kiruna	Ki	18	6	32	2	2	21	7	1	26	6.2	30	19
Arjeplog	Ar	3	—	—	—	—	—	—	—	—	—	—	61
Öjebyn	Öj	14	15	21	3	5	26	11	3	45	7.1	156	43
Röbäcksdalen	Rö	31	19	10	4	5	18	12	3	27	6.7	33	14
Offer	Of	31	22	15	3	5	32	9	5	41	6.9	80	21
Bredkälen	Br	24	16	4	2	3	10	4	1	14	5.7	4	11
Åre	ÅF	31	8	13	3	4	33	8	5	34	6.6	104	22
Åre, Hummeln	ÅH	27	7	12	4	3	19	3	3	16	6.4	28	12
Sveg	Sv	46	26	9	8	10	18	10	4	30	6.0	13	13
Mora	Mo	57	33	9	3	5	8	24	5	43	5.9	16	12
Åmot	Åm	43	23	9	3	0	26	8	4	29	6.4	26	11
Sala	Sa	49	37	15	0	1	32	9	6	40	6.3	22	13
Ultuna	Ul	4	10	4	2	2	12	3	2	17	—	—	51
Erken	Er	13	15	4	2	6	7	21	3	15	6.8	46	27
Strängnäs	St	7	11	2	0	0	15	3	2	15	7.0	91	33
Forshult	Fo	58	30	9	2	0	25	8	5	31	6.2	13	10
Kvarntorp	Kv1	38	181	65	5	23	17	17	9	218	4.6	0	83
Kvarntorp	Kv7	66	60	13	5	8	27	10	4	25	4.5	0	25
Västra Ny	VN	25	60	67	8	117	58	103	17	27	6.9	120	85
Lanna	La	18	28	66	4	13	38	12	5	34	6.9	102	39
Bornö	Bo	10	10	23	2	2	25	3	3	22	7.0	70	30
Vinga	Vi	17	22	241	3	6	169	11	19	24	6.4	22	78
Falsterbobruk	Fa	33	13	13	0	0	16	12	5	26	6.5	37	11
Flahult	Fl	19	22	16	2	3	26	5	3	24	6.4	22	22
Ambjörnarp	Am	34	18	41	2	4	39	5	5	23	6.3	20	15
Simlångsdalen	Si	16	16	27	3	3	19	5	5	14	4.7	0	32
Plönninge	Pl	19	18	35	4	3	37	4	5	24	6.5	50	27
Söraby	Sö	44	44	25	6	5	34	8	6	43	5.2	0	19
Smedby	Sm	52	37	14	6	4	34	34	6	42	5.9	25	14
Sylfaste	Sy	11	8	15	3	0	11	12	4	58	7.4	282	51
Bräkne-Hoby	BH	13	20	6	0	0	13	5	3	22	5.6	17	22
Hammenhög	Ha	29	44	26	10	16	48	72	8	55	6.8	77	38
Alnarp	Al	47	52	31	10	15	64	9	5	70	6.0	18	22
Hilleshög	Hi	27	37	24	8	8	48	9	7	47	6.4	34	28
Ås	Ås	16	13	8	0	0	18	5	4	24	6.7	56	19
Vågåmo	Vå	8	17	21	0	0	34	9	7	40	7.3	289	73
Lista	Li	2	—	—	—	—	—	—	—	—	—	—	170
Kauhava	Ka	55	36	9	1	0	35	16	5	38	5.8	15	10
Kuopio	Ku	19	15	5	0	1	14	8	3	24	6.3	43	14
Jyväskylä	Jy	28	8	32	0	0	16	7	7	44	6.3	30	16
Tvärminne	Tv	12	6	13	0	1	12	7	4	25	6.6	57	26
Ödum	Öd	11	21	14	4	6	26	4	3	19	4.8	0	36
Askov	As	19	27	25	7	4	29	9	17	27	5.5	0	32
Tystofte	Ty	44	43	29	8	6	45	9	9	52	6.3	30	20
Aberdeen	Ab	16	22	20	0	1	52	6	7	30	6.8	143	38
Edinburgh	Ed	54	35	46	0	0	44	7	7	39	5.5	0	14
Leeds	Le	19	48	29	3	2	12	7	9	47	4.5	0	50
Rothamsted	Ro	4	16	10	2	1	12	6	3	34	—	—	73
Newton Abbot	NA	85	150	36	35	44	52	17	13	59	4.3	0	48
Augustenberg[1]	Au	—	—	—	—	—	—	—	—	—	—	—	—
Güntersthal	Gü	128	124	28	23	23	19	19	14	75	4.9	0	20
Feldberg	Fe	141	141	63	39	55	29	29	10	94	4.9	0	23

[1] Start 1.8.55.

Precipitation August 1955. D 508

Station	Code	mm	mg/m²								pH	$\frac{\mu val}{l}$ HCO_3^-	ohm⁻¹ cm⁻¹ $\varkappa \cdot 10^6$
			S	Cl	NO_3-N	NH_3-N	Na	K	Mg	Ca			
Riksgränsen....	Ri	105	51	83	8	12	53	11	8	57	5.1	0	13
Kiruna.....	Ki	6	7	56	3	1	11	6	3	49	—	—	73
Arjeplog.....	Ar	4	2	61	1	0	22	3	3	48	—	—	109
Öjebyn.....	Öj	14	6	19	2	2	5	3	3	31	6.7	72	24
Röbäcksdalen...	Rö	72	47	30	9	17	25	12	7	35	5.2	0	14
Offer.....	Of	46	27	34	3	2	34	10	7	49	6.5	45	15
Bredkälen.....	Br	33	11	4	1	0	5	2	2	35	5.8	10	6
Åre.....	ÅF	88	22	10	3	0	17	7	3	20	5.9	7	5
Åre, Hummeln..	ÅH	105	28	14	4	1	18	7	7	16	5.9	13	4
Sveg.....	Sv	90	25	15	5	3	21	4	4	40	5.8	7	5
Rättvik[1]	Rä	58	73	23	2	0	13	7	5	122	6.6	80	21
Åmot.....	Åm	42	40	16	7	12	23	8	5	29	5.9	17	17
Sala.....	Sa	26	46	12	7	7	24	8	10	59	6.7	72	33
Ultuna.....	Ul	11	26	21	5	6	10	8	4	46	6.7	101	55
Erken.....	Er	3	—	—	—	—	—	—	—	—	—	—	61
Strängnäs.....	St	36	62	11	8	10	28	11	8	49	5.8	12	25
Forshult.....	Fo	69	50	14	9	12	26	9	8	30	5.4	0	12
Kvarntorp.....	Kv1	53	575	120	11	49	25	35	19	670	6.4	37	128
Kvarntorp.....	Kv7	67	114	26	12	41	14	16	7	67	4.4	0	41
Västra Ny.....	VN	13	81	53	10	160	65	113	17	30	7.4	800	198
Lanna	La	78	60	22	12	30	35	18	14	57	6.5	37	15
Bornö.....	Bo	29	37	90	8	2	70	9	15	43	6.4	40	35
Vinga.....	Vi	61	114	477	22	40	275	36	40	49	4.6	0	66
Falsterbobruk...	Fa	39	42	21	7	8	13	10	16	31	5.1	0	20
Flahult.....	Fl	29	38	10	7	13	21	12	6	38	6.3	38	24
Ambjörnarp....	Am	42	47	45	9	11	38	11	9	48	6.0	19	22
Simlångsdalen ..	Si	86	83	60	18	33	45	13	9	40	5.3	0	21
Plönninge.....	Pl	82	96	54	17	24	70	19	13	53	5.6	0	18
Söraby.....	Sö	40	57	23	9	15	25	12	7	38	5.3	0	22
Smedby.....	Sm	30	36	9	7	13	23	9	6	36	6.4	38	23
Sylfaste.....	Sy	4	—	—	—	—	—	—	—	—	—	—	95
Bräkne-Hoby...	BH	53	68	20	12	17	21	15	8	42	5.0	0	23
Hammenhög....	Ha	36	48	20	10	5	22	19	7	60	5.9	16	25
Alnarp.....	Al	8	18	17	3	2	10	3	4	27	6.8	—	47
Hilleshög.....	Hi	54	46	21	7	5	20	6	12	33	5.0	0	11
Ås.....	Ås	22	43	20	10	9	31	10	7	35	6.4	34	33
Vågåmo.....	Vå	7	13	34	0	0	27	15	6	42	7.2	—	75
Lista.....	Li	55	64	258	15	18	122	17	57	21	4.9	0	41
Kauhava.....	Ka	36	26	17	6	6	14	10	4	28	5.3	0	16
Kuopio.....	Ku	11	21	9	9	58	14	34	6	15	7.5	490	79
Jyväskylä.....	Jy	17	18	60	4	2	18	7	3	39	6.3	41	31
Tvärminne.....	Tv	16	22	10	5	2	13	12	5	21	5.9	22	24
Ödum.....	Öd	39	52	52	12	9	36	18	8	59	5.2	0	28
Askov.....	As	52	71	67	13	34	50	22	9	94	6.4	53	31
Tystofte.....	Ty	28	37	73	7	0	129	18	14	69	7.2	356	61
Aberdeen	Ab	7	29	53	2	0	74	7	15	49	6.6	—	145
Edinburgh	Ed	28	49	40	7	5	31	15	9	70	5.7	33	31
Leeds	Le	20	88	70	12	5	43	17	24	107	6.3	46	73
Rothamsted	Ro	19	49	44	12	9	24	14	7	77	5.9	20	53
Newton Abbot..	NA	17	33	24	6	17	16	8	29	33	6.4	84	42
Augustenberg[2] ..	Au	44	114	43	27	28	47	23	23	124	6.2	31	45
Güntersthal	Gü	53	75	15	18	28	9	10	5	35	4.3	0	36
Feldberg.....	Fe	55	83	14	17	24	12	12	6	38	4.5	0	33

[1] The station Mora is moved to Rättvik (Rä), 35 km E of Mora.
[2] The station is situated 5 km W of Karlsruhe.

Precipitation September 1955. D 509

Station	Code	mm	mg/m²								pH	$\frac{\mu val}{l}$	ohm^{-1} cm^{-1}
			S	Cl	NO_3-N	NH_3-N	Na	K	Mg	Ca		HCO_3^-	$\varkappa \cdot 10^6$
Riksgränsen	Ri	62	18	51	2	0	28	6	4	28	5.2	0	7
Kiruna	Ki	121	73	16	11	56	12	24	4	20	6.1	21	8
Arjeplog	Ar	66	41	21	6	11	16	7	4	24	5.4	0	9
Öjebyn	Öj	136	88	15	11	20	32	16	7	69	5.5	0	10
Röbäcksdalen	Rö	59	43	43	6	10	38	9	6	37	6.0	16	12
Offer	Of	42	42	29	4	6	31	28	9	44	6.0	20	17
Bredkälen	Br	71	34	11	4	7	14	5	3	17	5.8	7	6
Åre	ÅF	68	16	30	2	5	32	9	4	23	6.2	17	7
Åre, Hummeln	ÅH	56	19	27	4	4	32	5	4	15	6.1	8	7
Sveg	Sv	70	34	11	6	7	18	6	4	16	5.6	0	7
Rättvik	Rä	53	34	29	7	13	14	8	7	113	6.8	100	23
Åmot	Åm	40	35	22	5	11	19	5	5	23	6.0	14	12
Sala	Sa	32	38	14	5	5	22	6	8	49	6.3	24	20
Ultuna	Ul	34	47	32	8	14	20	9	5	58	6.3	26	22
Erken	Er	91	82	55	14	22	39	19	9	47	4.8	0	20
Strängnäs	St	52	71	56	9	33	41	34	16	37	5.9	14	21
Forshult	Fo	41	44	20	6	11	31	6	8	31	6.0	12	15
Kvarntorp	Kv1	41	574	45	8	31	33	29	23	760	6.0	18	152
Kvarntorp	Kv7	46	65	57	5	14	30	10	8	41	5.0	0	22
Västra Ny	VN	58	51	29	13	49	27	14	5	50	6.2	40	18
Lanna	La	34	50	57	9	15	42	11	7	47	6.0	16	25
Bornö	Bo	94	107	299	20	29	198	15	28	43	5.0	0	28
Vinga	Vi	47	113	1420	21	16	815	38	122	75	4.7	0	138
Falsterbobruk	Fa	73	69	62	13	18	67	11	17	50	5.2	0	17
Flahult	Fl	88	79	79	15	26	48	14	8	50	4.9	0	19
Ambjörnarp	Am	99	89	132	18	29	95	14	12	47	5.0	0	19
Simlångsdalen	Si	132	127	206	27	40	144	19	18	51	4.7	0	22
Plönninge	Pl	73	95	224	18	27	158	48	28	109	6.4	60	34
Söraby	Sö	75	86	63	18	76	41	71	11	48	6.2	40	24
Smedby	Sm	51	40	66	9	10	55	13	13	44	5.9	19	18
Sylfaste	Sy	69	77	98	16	22	49	25	9	94	6.2	28	22
Bräkne-Hoby	BH	97	124	124	16	13	72	28	17	61	5.2	0	17
Hammenhög	Ha	82	76	175	20	16	49	236	39	104	6.4	75	29
Alnarp	Al	133	148	170	30	34	120	35	22	219	6.1	25	24
Hilleshög	Hi	59	57	89	14	27	53	9	9	39	5.4	0	20
Ås	Ås	100	74	43	15	15	46	14	12	42	5.2	0	14
Vågåmo	Vå	27	28	23	2	1	12	13	6	53	6.6	58	20
Lista	Li	116	151	2040	30	24	1260	66	138	80	4.8	0	90
Kauhava	Ka	83	77	16	11	18	14	9	14	59	5.0	0	14
Kuopio	Ku	87	80	16	11	16	12	6	5	50	5.3	0	11
Jyväskylä	Jy	106	80	15	12	20	14	10	4	33	4.9	0	12
Tvärminne	Tv	68	61	60	10	12	38	11	7	47	5.3	0	14
Ödum	Öd	77	73	163	16	23	108	16	12	43	5.0	0	22
Askov	As	85	136	236	29	72	167	19	20	73	5.0	0	35
Tystofte	Ty	82	104	312	19	25	245	33	59	112	6.5	75	35
Aberdeen	Ab	45	32	56	3	5	55	11	8	31	6.5	88	16
Edinburgh	Ed	41	39	69	1	1	51	11	14	34	5.7	0	18
Leeds	Le	31	82	116	10	12	47	11	27	98	5.4	0	49
Rothamsted	Ro	44	73	68	9	9	36	12	8	63	5.2	0	25
Newton Abbot	NA	23	49	201	2	3	105	13	27	87	6.8	150	67
Augustenberg	Au	49	99	45	15	35	33	14	17	80	5.8	21	32
Güntersthal	Gü	57	49	13	11	10	22	10	5	35	5.4	0	13
Feldberg	Fe	49	52	29	12	12	19	7	7	31	4.9	0	20

Air July 1955. L 507

Station	Code	$\mu g/m^3$ (= kg/km^3)						
		S	Cl	NH_3-N	Na	K	Mg	Ca
Riksgränsen	Ri	—	—	—	—	—	—	—
Kiruna	Ki	2.6	6.6	1.8	1.7	1.7	0.2	4.5
Arjeplog	Ar	—	—	—	—	—	—	—
Öjebyn	Öj	1.8	5.5	2.9	1.8	1.5	0.1	5.7
Röbäcksdalen	Rö	1.7	0.9	1.3	1.3	0.8	0.9	2.8
Offer	Of	6.2	7.3	4.9	1.8	2.4	1.3	4.0
Bredkälen	Br	0.0	0.0	0.8	1.0	0.9	0.0	0.5
Åre	ÅF	0.8	0.0	1.0	0.7	0.7	0.2	6.1
Åre, Hummeln	ÅH	4.4	2.4	1.7	1.1	1.0	0.6	8.0
Sveg	Sv	—	—	—	—	—	—	—
Mora	Mo	9.3	0.0	3.3	1.5	1.1	0 0	3.3
Åmot	Åm	3.9	0.8	3.2	1.6	1.2	0.0	3.1
Sala	Sa	11.	0.0	5.4	1.9	0.8	0.7	5.7
Ultuna	Ul	3.5	0.0	1.7	0.7	0.9	3.5	4.3
Erken	Er	6.9	2.6	1.8	1.0	1.1	1.5	2.6
Strängnäs	St	5.4	1.3	4.1	2.3	2.2	0.5	2.2
Forshult	Fo	4.9	1.3	4.3	1.6	1.3	0.4	5.9
Kvarntorp	Kv1	—	—	—	—	—	—	—
Kvarntorp	Kv7	0.3	1.2	2.6	0.6	0.3	0.5	4.2
Västra Ny	VN	—	—	—	—	—	—	—
Lanna	La	0.8	5.4	3.7	2.4	1.4	0.0	4.9
Bornö	Bo	9.1	26.	3.5	15.	1.4	2.4	8.8
Vinga	Vi	—	—	—	—	—	—	—
Falsterbobruk	Fa	3.4	15.	2.4	1.8	1.2	1.1	5.4
Flahult	Fl	1.0	0.0	0.2	0.2	0.0	0.2	1.1
Ambjörnarp	Am	—	—	—	—	—	—	—
Simlångsdalen	Si	—	—	—	—	—	—	—
Plönninge	Pl	4.5	3.1	5.2	1.2	0.8	0.3	3.0
Söraby	Sö	—	—	—	—	—	—	—
Smedby	Sm	2.3	4.4	3.6	1.1	0.2	0.0	5.0
Sylfaste	Sy	0.9	1.6	4.7	1.0	3.0	0.6	4.4
Bräkne-Hoby	BH	0.2	1.1	0.5	26.	0.0	0.0	3.6
Hammenhög	Ha	—	—	—	—	—	—	—
Alnarp	Al	6.2	1.1	5.0	1.7	0.9	1.1	3.6
Hilleshög	Hi	—	—	—	—	—	—	—
Ås	Ås	—	—	—	—	—	—	—
Vågåmo	Vå	2.0	1.0	3.9	0.9	1.2	0.3	7.5
Lista	Li	5.4	11.	1.6	6.9	0.9	1.6	4.4
Kauhava	Ka	0.3	4.9	3.1	2.2	1.7	2.0	5.5
Kuopio	Ku	4.2	0.0	2.4	1.0	0.6	0.6	6.8
Jyväskylä	Jy	—	—	—	—	—	—	—
Tvärminne	Tv	0.0	3.2	2.5	1.6	1.1	3.1	13.
Ödum	Öd	—	—	—	—	—	—	—
Askov	As	1.8	0.6	6.0	2.7	1.2	0.5	2.8
Tystofte	Ty	7.3	0.0	6.4	2.6	1.3	0.7	2.9
Aberdeen	Ab	16.	4.4	5.0	1.9	0.5	1.7	9.2
Edinburgh	Ed	11.	2.7	2.6	1.9	0.7	0.7	3.7
Leeds	Le	13.	0.0	2.9	1.8	0.8	3.2	5.3
Rothamsted	Ro	15.	5.4	5.4	1.8	1.2	1.6	7.4
Newton Abbot	NA	10.	4.9	5.1	1.7	0.4	0.8	5.5
Augustenberg[1]	Au	—	—	—	—	—	—	—
Güntersthal	Gü	8.9	7.0	4.3	1.7	1.6	0.7	8.7
Feldberg	Fe	4.5	0.0	1.6	0.5	0.5	0.6	0.9

[1] Start 1.8.55.

Air August 1955. L 508

Station	Code	μg/m³ (= kg/km³)						
		S	Cl	NH_3-N	Na	K	Mg	Ca
Riksgränsen	Ri	0.3	8.2	1.2	2.6	1.1	3.1	7.6
Kiruna	Ki	0.7	1.8	2.2	0.8	0.5	0.8	5.1
Arjeplog	Ar	—	—	—	—	—	—	—
Öjebyn	Öj	3.8	3.1	3.6	1.7	2.7	0.7	4.3
Röbäcksdalen	Rö	2.2	3.2	1.9	1.8	1.1	0.8	3.7
Offer	Of	0.7	2.2	4.1	1.8	2.3	1.6	10.
Bredkälen	Br	0.0	1.9	1.3	0.4	0.3	0.3	2.0
Åre	ÅF	0.2	2.0	1.3	0.6	0.5	0.4	2.9
Åre, Hummeln	ÅH	1.2	0.6	1.5	1.0	0.6	1.8	4.5
Sveg	Sv	—	—	—	—	—	—	—
Rättvik[1]	Rä	1.7	1.4	3.6	1.4	1.2	0.6	4.2
Åmot	Åm	3.3	5.5	4.5	1.7	0.9	1.3	8.1
Sala	Sa	2.5	2.8	4.3	1.3	1.5	2.0	6.5
Ultuna	Ul	1.4	3.7	3.0	0.8	1.4	0.6	1.5
Erken	Er	1.7	2.7	1.8	1.0	1.6	1.7	3.5
Strängnäs	St	1.8	0.0	4.1	1.5	2.4	1.4	4.7
Forshult	Fo	—	—	—	—	—	—	—
Kvarntorp	Kv1	—	—	—	—	—	—	—
Kvarntorp	Kv7	1.7	3.6	3.1	2.3	0.7	1.0	4.0
Västra Ny	VN	—	—	—	—	—	—	—
Lanna	La	0.1	4.3	5.4	0.8	2.1	0.7	5.0
Bornö	Bo	—	—	—	—	—	—	—
Vinga	Vi	—	—	—	—	—	—	—
Falsterbobruk	Fa	0.7	4.3	3.3	1.1	0.8	0.7	4.0
Flahult	Fl	—	—	—	—	—	—	—
Ambjörnarp	Am	—	—	—	—	—	—	—
Simlångsdalen	Si	—	—	—	—	—	—	—
Plönninge	Pl	0.6	0.6	6.2	1.1	0.8	0.3	7.3
Söraby	Sö	—	—	—	—	—	—	—
Smedby	Sm	2.0	0.0	3.0	2.0	1.4	0.5	4.3
Sylfaste	Sy	2.2	11.	7.1	2.8	0.5	0.7	8.9
Bräkne-Hoby	BH	0.5	0.0	3.0	1.3	0.5	0.5	5.0
Hammenhög	Ha	—	—	—	—	—	—	—
Alnarp	Al	12.	5.1	7.8	1.3	1.5	2.0	11.
Hilleshög	Hi	—	—	—	—	—	—	—
Ås	Ås	4.0	16.	6.4	3.9	4.5	1.2	14.
Vågåmo	Vå	3.2	7.0	7.7	1.4	4.5	2.5	16.
Lista	Li	5.0	22.	3.9	9.0	1.4	2.4	7.1
Kauhava	Ka	0.0	0.6	2.5	2.8	2.4	0.6	1.7
Kuopio	Ku	—	—	—	—	—	—	—
Jyväskylä	Jy	2.5	3.3	2.2	1.4	0.7	0.7	4.9
Tvärminne	Tv	0.0	0.0	1.8	1.0	0.3	0.0	1.4
Ödum	Öd	6.3	1.2	6.8	1.4	1.4	0.5	3.8
Askov	As	5.8	3.4	7.6	1.4	1.2	0.6	2.6
Tystofte	Ty	2.2	5.6	9.6	2.9	1.5	1.2	7.3
Aberdeen	Ab	10.	0.9	5.4	5.3	1.0	3.6	15.
Edinburgh	Ed	7.3	3.9	4.2	1.5	1.2	1.2	3.4
Leeds	Le	4.6	8.3	7.6	2.3	1.6	3.1	9.0
Rothamsted	Ro	19.	4.2	7.2	2.3	1.4	1.7	5.1
Newton Abbot	NA	7.1	2.4	7.7	1.8	1.6	5.9	20.
Augustenberg	Au	—	—	—	—	—	—	—
Güntersthal	Gü	7.0	5.9	4.6	1.2	1.5	1.0	8.7
Feldberg	Fe	1.1	5.4	2.4	1.1	1.1	0.7	4.5

[1] The station Mora moved to Rättvik (Rä), 35 km E of Mora.

Air September 1955. L 509

Station	Code	$\mu g/m^3$ (= kg/km^3)						
		S	Cl	NH_3-N	Na	K	Mg	Ca
Riksgränsen	Ri	0.0	19.0	1.3	2.8	1.9	0.7	4.8
Kiruna	Ki	0.4	3.4	1.1	0.7	0.8	1.4	2.3
Arjeplog	Ar	—	—	—	—	—	—	—
Öjebyn	Öj	1.5	0.1	2.4	0.7	1.0	0.2	0.4
Röbäcksdalen	Rö	3.0	3.7	1.1	0.9	0.7	0.3	2.9
Offer	Of	2.8	7.5	3.5	1.4	1.1	5.5	4.0
Bredkälen	Br	1.2	0.8	1.0	0.5	0.2	0.3	2.7
Åre	ÅF	0.7	1.0	1.0	0.8	0.4	0.3	2.4
Åre, Hummeln	ÅH	4.7	1.2	1.7	0.9	0.7	1.6	5.4
Sveg	Sv	—	—	—	—	—	—	—
Rättvik	Rä	1.9	5.2	2.0	1.6	1.6	0.3	4.9
Åmot	Åm	—	—	—	—	—	—	—
Sala	Sa	4.4	7.2	3.5	1.6	1.8	1.0	7.7
Ultuna	Ul	5.9	4.3	3.5	0.5	0.4	0.7	1.9
Erken	Er	0.0	5.6	0.1	0.0	0.2	0.2	0.8
Strängnäs	St	5.1	0.3	2.4	0.6	0.5	1.7	1.2
Forshult	Fo	—	—	—	—	—	—	—
Kvarntorp	Kv1	90.0	0.8	8.0	0.9	1.1	4.0	18.0
Kvarntorp	Kv7	6.9	3.1	2.1	0.7	0.6	0.6	4.0
Västra Ny	VN	—	—	—	—	—	—	—
Lanna	La	1.6	5.1	4.5	3.7	1.3	5.9	17.0
Bornö	Bo	3.6	5.2	1.6	3.2	0.5	1.1	5.7
Vinga	Vi	—	—	—	—	—	—	—
Falsterbobruk	Fa	4.4	2.3	2.4	1.5	1.0	1.4	3.6
Flahult	Fl	4.8	0.4	2.7	2.6	1.6	0.5	2.2
Ambjörnarp	Am	—	—	—	—	—	—	—
Simlångsdalen	Si	—	—	—	—	—	—	—
Plönninge	Pl	5.0	3.6	4.1	1.6	0.9	1.4	4.6
Söraby	Sö	—	—	—	—	—	—	—
Smedby	Sm	0.0	0.9	2.2	1.0	0.8	0.4	3.4
Sylfaste	Sy	0.9	6.0	11.0	2.2	3.8	1.1	4.4
Bräkne-Hoby	BH	2.8	1.6	3.6	0.8	0.5	1.1	1.3
Hammenhög	Ha	—	—	—	—	—	—	—
Alnarp	Al	11.0	3.4	4.2	2.1	1.4	0.7	3.9
Hilleshög	Hi	—	—	—	—	—	—	—
Ås	Ås	—	—	—	—	—	—	—
Vågåmo	Vå	—	—	—	—	—	—	—
Lista	Li	3.5	28.0	2.2	16.0	2.3	2.2	4.3
Kauhava	Ka	3.3	6.2	2.2	0.6	1.6	1.0	5.4
Kuopio	Ku	1.6	4.2	1.4	1.0	1.4	2.5	4.0
Jyväskylä	Jy	0.0	1.9	1.6	1.3	1.4	2.0	7.6
Tvärminne	Tv	3.4	7.7	2.3	1.1	2.2	5.1	9.5
Ödum	Öd	7.2	1.0	5.8	1.5	1.1	1.0	2.0
Askov	As	5.2	4.1	5.0	1.3	0.7	3.2	1.6
Tystofte	Ty	3.5	8.9	7.6	6.8	1.6	1.8	6.6
Aberdeen	Ab	6.0	7.5	4.0	2.6	3.0	2.5	5.6
Edinburgh	Ed	7.8	3.8	3.0	1.8	0.7	1.8	2.5
Leeds	Le	18.0	11.0	5.2	1.2	1.4	3.2	10.0
Rothamsted	Ro	15.0	7.0	3.0	1.3	0.7	1.9	4.2
Newton Abbot	NA	1.6	5.9	6.1	1.6	0.7	1.3	5.4
Augustenberg	Au	9.7	7.7	8.6	1.4	2.5	19.0	18.0
Güntersthal	Gü	5.3	5.8	3.7	0.8	1.0	1.0	5.2
Feldberg	Fe	1.6	2.7	1.7	0.4	0.4	0.4	1.6

Uppsala in November 1955

G. BRODIN
Agricultural College, Uppsala

Current Data of CO_2 in the air
(Cf, FONSELIUS, KOROLEFF:

	May					June				
	Date	°C	Wind	Weather	CO_2 ml/10 l	Date	°C	Wind	Weather	CO_2 ml/10 l
Ab	1	2.0	NNW, 0	0	3.15	1	8,2	NW, 3	3	3.28
	10					10	3.5	N, 2	5	3.15
	20	0.9	NNW, 2	◔ 10	3.10	20	5.8	WNW, 4	2	3.21
Öj	1	5.9	SE, 1	5	3.16	1	20.4	E, 1	0	3.26
	10	4.0	SE, 1	5	3.23	10	11.5	SE, 1	10	3.10
	20	6.0	calm	◔ 10	3.31	20	14.0	SE, 1	3	3.11
Br	1	9.0	SW, 1	6	3.13	1	22.0	NE, 1	0	3.46
	10	4.0	N, 1	0	3.19	10	8.0	NE, 1	5	2.91
	20	10.0	NW, 1	8	3.10	20	12.0	NW, 1	2	3.03
Ul	1	8.8	ESE, 4	6	3.22	1	17.5	E, 2	4	3.17
	10	9.7	SW, 5	10	3.09	10	12.0	NNW, 3	5	2.92
	20	10.0	WSW, 3	10	(4.00)	20	13.8	N, 1	6	3.10
Fl	1	7.0	SE	●° 10	(3.87)	1	14.4	N	2	3.23
	10	8.7	SW	●° 10	3.10	10	12.2	NE	5	3.07
	20	9.4	NW	5	3.28	20	19.4	NE	0	2.90
Pl	1	10.0	W, 1	8	3.72	1	16.0	E, 1	2	3.18
	10	11.0	W, 4	10	3.04	10	14.0	NW, 1	5	3.09
	20	10.0	W, 4	5	3.25	20	25.0	SW, 1	3	3.00
Ka	1					1	19.8	NNE, 3	0	3.57
	10					10	8.6	NW, 3	5	3.40
	20	4.4	SE, 3	● 10	3.10	20	11.0	N, 4	0	3.45
Ri	1					1	15.6	ESE, 3	0	3.66
	10	3.9	E, 2	● 10	3.30	10	10.0	SSW, 3	10	3.26
	20	7.2	ESE, 3	● 10	3.40	20	10.1	NW, 4	0	3.12
Lu	1	6.4	NW, 5	5	3.48	1	14.7	NNE, 3	4	3.49
	10					10	8.8	SW, 2	5	3.39
	20	2.3	NW, 3	● 10	3.20	20	7.7	W, 1	4	3.50
Tv	1	5.0	S, 0	0	3.30	1	13.0	S, 1	0	3.89
	10	6.0	WSW, 6	0	3.70	10	9.0	S, 1	0	3.57
	20	6.0	SW, 2	● 9	3.33	20	12.0	SW, 3	0	3.48
Bo	1	4.8	SSE, 3	=° 0	2.93	1	16.7	N, 1	0	3.17
	10	1.7	N, 3	=° 4	3.04	10	5.6	NNE, 2	▽̇ 9	2.95
	20	8.9	NNE, 3	=° 7	3.02	20	4.4	NE, 3	=° 7	3.35
Vå	1	5.6	NE, 1	10	3.27	1	19.4	NNE	0	3.29
	10	3.5	WSW, 2	5	3.40	10	10.2	SSW	10	3.17
	20	7.9	WSW, 2	5	3.29	20	17.1	ENE	4	2.97
Be	1	11.1	S, 4	10	3.23	1	20.0	WSW, 1	0	3.24
	10	4.0	SW 3	10	3.50	10	11.5	NNW, 3	6	3.21
	20	6.1	W, 5	10	3.43	20	19.4	W, 2	3	3.68
Öd	1	9.0	SSW	5	3.43	1	16.2	SE	0	2.77
	10	11.4	W, 5	5	3.26	10	13.2	SE	10	3.05
	20	7.8	SW, 4	5	3.31	20	15.2	SW	● 10	3.16
As	1	14.2	S, 1	5	3.04	1	17.8	SE, 2	7	3.13
	10	8.2	WSW, 3	● 10	3.19	10				
	20	8	W, 4	6	3.15	20	14.0	SE, 2	● 10	2.95

Symbols used for description of weather conditions, are those, internationally used. The numbers in the weather column gives the cloudiness.

May—Aug. 1955 in Scandinavia

Teltus **7**, pp. 258—265)

	July					Aug.				
	Date	°C	Wind	Weather	CO_2 ml/10 l	Date	°C	Wind	Weather	CO_2 ml/10 l
Ab	1	18.1	calm	0	3.19	1	9.0	NNW, 6	3	3.19
	10	8.5	NNW, 2	2	3.09	10	8.5	NNW, 5	8	3.18
	20	8.3	NNW, 3	10	3.02	20	20.0	WSW, 1	0	3.20
Öj	1	22.0	SE, 1	5	3.05	1	26.2	SW, 1	2	3.17
	10	24.2	W, 1	0	2.94	10	21.8	SW, 1	0	3.20
	20	16.4	W, 1	10	3.18	20	22.4	S, 1	0	3.24
Br	1	20.0	E, 1	6	3.10	1	19.0	W, 4	5	3.06
	10	25.0	E, 1	2	3.09	10	18.0	W, 4	0	3.10
	20	12.0	W, 5	●° 10	3.24	20	22.0	SE, 1	= 8	3.13
Ul	1	20.0	SE, 1	10	3.26	1	28.4	SW, 2	0	3.32
	10	27.6	N, 0	5	3.03	10	24.8	N, 2	5	3.09
	20	21.7	NNW, 1	5	3.15	20	23.9	SE, 1	10	3.28
Fl	1	17.0	SW	● 10	3.53	1	26.4	W, 0		3.07
	10	22.8	N	0	2.98	10				3.12
	20	26.4	N	0	3.00	20	24.0	NW, 5		2.99
Pl	1	20.0	W, 1	5	3.21	1	21.0	W, 1	• 10	3.25
	10	28.0	W, 1	0	3.24	10	24.0	NE, 1	0	3.14
	20	21.0	W, 1	0	3.20	20	23.0	W, 1	0	3.29
Ka	1	20.8	N, 2	4	3.26	1	22.6	SW, 2	0	3.29
	10	24.0	NW, 4	0	3.52	10	21.2	N, 2	0	3.22
	20	16.2	W, 3	5	3.66	20	26.0	SSW, 1	0	3.40
Ri	1	22.0	NW, 2	0	3.39	1	22.6	SW, 3	0	3.70
	10	23.8	NW, 4	0	3.66	10	15.3	E, 2	9	3.51
	20	14.0	WSW, 2	● 10	3.37	20				
Lu	1	21.0	SW, 3	4	3.70	1	22.0	S, 1	9	3.84
	10	25.0	NW, 4	0	3.84	10	15.2	NNW, 3	10	3.30
	20	15.1	W, 3	9	3.56	20				
Tv	1	17.0	S, 1	5	3.48	1	22.0	SW, 2	0	3.30
	10	23.0	SW, 2	0	3.50	10	23.0	NE	0	3.42
	20	19.0	W, 5	0	3.30	20	22.0	S, 1	0	3.81
Bo	1	14.1	ENE, 1	∞° 7	3.18	1	10.3	NNE 4	=° 9	3.18
	10	13.4	NNE, 1	= 1	2.98	10	12.5	NNE, 4	=° 10	3.11
	20	10.4	ENE, 3	● 10	3.20	20	18.4	NNE, 3	=° 1	3.27
Vå	1	15.1	NE, 2	● 10	3.61	1	24.0	SW, 2	0	3.12
	10	20.0	SW, 1	10	3.29	10	18.2	SW, 1	0	3.10
	20	20.0	WSW, 3	0	3.18	20	17.2	SW, 1	● 10	3.21
Be	1	14.8	E, 1	10	3.17	1	15.3	ESE, 2	10	3.26
	10					10	20.2	WNW, 1	= 7	3.30
	20	16.4	W, 1	5	3.23	20	15.4	calm. 0	10	3.26
Öd	1	15.8	SW	2	3.32	1	17.2	SW	10	3.09
	10	25.8	NE	0	3.20	10	24.8	NNE	0	3.13
	20	25.7	W	0	3.16	20	26.4	NE	0	3.20
As	1	16.2	W, 2	6	3.49	1	17.2	W, 2	0	3.10
	10	23.2	E, 3	3	3.21	10	25.0	E, 3	0	3.02
	20	21.6	NW, 2	0	3.29	20	23.6	SSW	10	3.27

Symbols used for description of weather conditions, are those, internationally used. The numbers in the weather column gives the cloudiness.