



Koninklijk Nederlands
Meteorologisch Instituut
Ministerie van Verkeer en Waterstaat

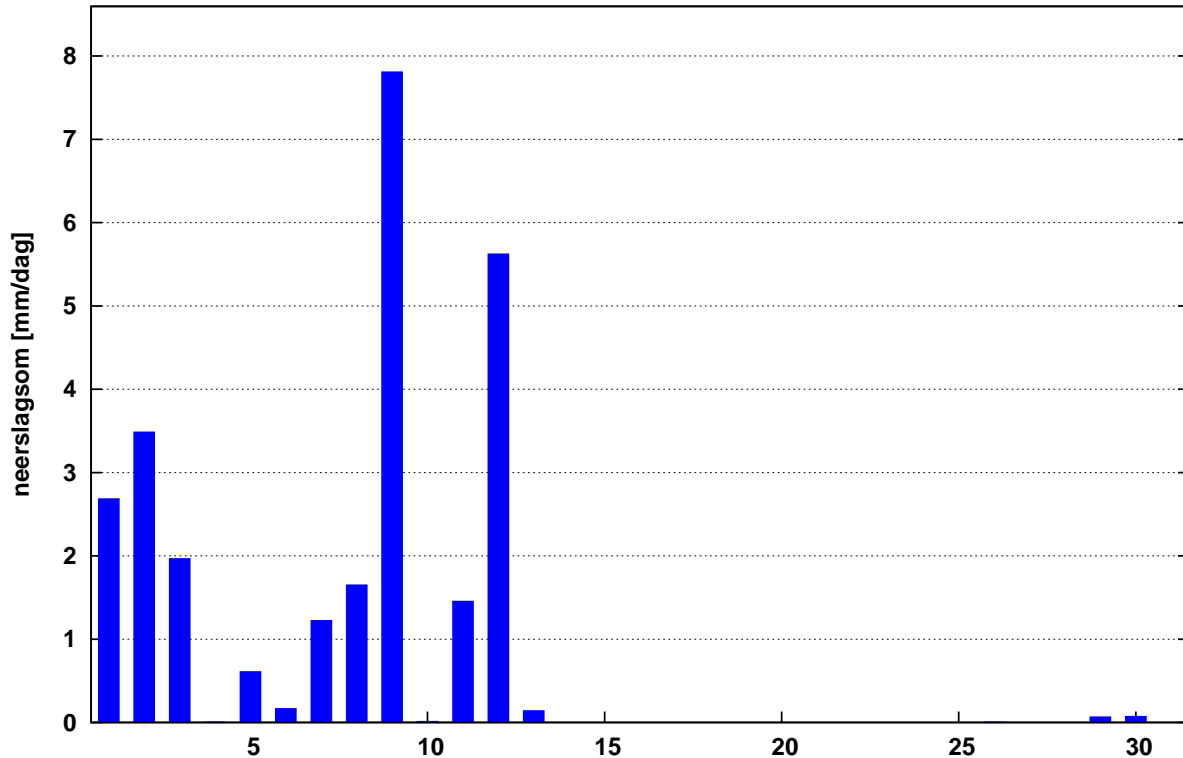
Maandoverzicht neerslag en verdamping in Nederland

maart 2003



Landelijk gemiddelde dagelijkse neerslagsom maart 2003 (gebaseerd op 326 stations)

Maandsom: 27 mm Normaal: 65 mm



In het Maandoverzicht neerslag en verdamping in Nederland (MONV) zijn dagelijkse gegevens van neerslag, verdamping, potentieel neerslagoverschot en sneeuwdagen opgenomen. Daarnaast worden decade- en maandwaarden vermeld. De metingen worden verricht op ca. 325 KNMI-neerslagstations en 25 KNMI meteorologische stations, alwaar uit metingen van temperatuur en straling de referentie-gewasverdamping wordt berekend. Het MONV is ruim 75 jaar uitgegeven als KNMI-periodiek en wordt sinds 2009 verspreid via internet (<http://www.knmi.nl/klimatologie/monv>).

KNMI
Klimaatdata en -advies
Postbus 201
3730 AE De Bilt
e-mail: Klimaatdesk@knmi.nl

DISTRICT 2		DISTRICT 3																		
NR	353	134	135	136	139	140	141	142	143	144	145	147	148	150	151	152	153	154	155	156
DAG	BLOK ZIJL	MIDDEL STUM	WOL TER SUM	EZIN GE	GRO NINGEN	ASSEN	DELFI ZIJL	WARF FUM	FINS TER WOLDE	TER APEL	ZOUT KAMP	VEEN DAM	SAPPE MEER	UIT HUI ZEN	ROODE SCHOOL	GIETER VEEN	WIN SCHO TEN	EENRUM	EEXT	VLAGT WEDDE
1	0.8	0.2	0.2	0.4	.	0.7	0.4	0.4	0.6	0.4	0.8	0.4	.	0.4	0.6	0.4	0.2	0.4	0.4	0.2
2	1.0	7.0	8.7	3.6	5.5	4.7	10.5*	5.5	8.7	8.6	4.4	10.1	10.2	7.7	11.0	9.9	9.4	3.6	7.8	7.3
3	.	1.0	1.6	1.2	2.3	1.6	1.2	2.3	3.4	3.4	1.5	1.4	0.2	2.1	2.2	1.9	1.8	2.1	0.4	3.8
4	.	.	.	.	.	.	.	.	.	0.1	.	.	0.1	.	.	.	.	.	.	.
5	0.2	0.8	0.7	0.5	0.6	0.3	0.9	1.0	1.1	0.5	0.4	0.5	0.7	1.0	0.6	0.5	0.5	0.9	0.3	0.3
6	.	.	.	.	.	.	.	0.1	.	.	.	.	.	.	.	.	.	.	.	.
7	0.3	1.3	1.6	1.3	1.6	1.8	1.9	1.1	2.1	3.2	1.1	1.6	2.3	1.8	2.2	2.1	2.6	1.1	1.6	2.8
8	2.0	3.7	2.5	3.9	2.6	3.3	2.8	4.4	3.3	1.5	5.3	3.8	2.6	3.7	3.3	2.9	2.4	4.6	2.7	1.1
9	17.3	22.4	11.2	18.0	20.3	21.4	17.8	19.0	18.2	14.7	18.2	19.8	23.2	19.5	17.4	22.4	24.7	18.7	21.4	14.7
10	.	.	.	.	0.2	.	.	0.1	.	.	.	.	0.3	.	.	.	0.1	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	0.2	.	.	.	.	.	.	.
12	2.5	2.3	1.6	1.3	2.9	2.4	1.7	1.9	2.5	3.4	1.8	2.4	2.9	1.9	1.7	3.4	3.5	2.0	3.1	2.6
13	0.5	.	0.3	.	.	.	0.3	.	.	.	0.1	.	0.1	.
14
15
16	0.1
17
18	0.1	.
19
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21
22
23
24
25
26	0.2
27
28	0.1	0.2
29
30
31
I	21.6	36.4	26.5	28.9	33.1	33.8	35.5*	33.9	37.4	32.4	31.7	37.6	39.6	36.2	37.3	40.1	41.7	31.4	34.6	30.2
NORM	23.1	.	.	.	22.9	23.7	20.1	20.8	18.5	20.2	19.3	20.7	22.1	21.3	18.6	22.3	19.5	21.0	24.7	19.1
II	2.5	2.3	1.6	1.3	2.9	2.4	2.2	1.9	2.8	3.4	1.8	2.4	3.4	2.0	1.7	3.4	3.6	2.0	3.3	2.6
NORM	19.8	.	.	.	19.5	19.8	17.8	19.5	18.1	20.2	18.7	17.0	19.4	20.6	17.8	18.9	18.1	19.0	21.1	19.0
III	21.4	.	.	.	23.6	23.1	21.6	23.2	19.8	21.1	21.6	20.7	0.1	0.4	19.9	22.8	22.0	21.3	24.2	21.6
NORM	.	.	.	.	.	.	.	.	.	.	.	.	21.6	23.6	.	.	.	.	.	.
MND	24.1	38.7	28.1	30.2	36.0	36.2	37.7	35.8	40.2	35.8	33.5	40.0	43.1	38.6	39.0	43.5	45.3	33.4	37.9	32.8
NORM	64.3	.	.	.	66.0	66.6	59.5	63.5	56.4	61.5	59.6	58.4	63.1	65.5	56.3	64.1	59.5	61.3	69.9	59.7
DISTRICT 3										DISTRICT 4										
NR	158	159	160	161	162	163	164	172	323	337	210	217	221	222	223	224	226	227	228	230
DAG	ONNEN	NIEUW BUINEN	VEEN HUI ZEN	EELDE	NIE KERK	RODEN	ZEE RIJP	NIEUW OLDA	LAAG HA LEN	SCHOON LOO	BEVER WIJK	HEILLOO	ENK HUI ZEN	HOORN	SCHEL LING WOUDE	EDAM	WIJK A/ZEE	ANNA PAU LOWNA	SCHA GEN	ZAAAN DIJK
1	0.5	0.3	0.3	0.3	0.1	.	0.2	0.5	0.7	0.9	2.4	2.0	1.0	0.8	3.1	1.8	2.0	1.4	1.5	2.2
2	6.9	10.8	3.2	3.8	4.2	6.8	9.4	11.5	4.0	8.1	0.8	0.8	1.9	1.0	1.4	1.4	1.5	0.6	0.5	0.9
3	1.2	0.8	1.5	1.8	0.1	0.4	2.2	2.4	0.4	0.2	.	1.1	.	0.2	0.6	0.1	.	.	.	.
4	.	.	.	.	0.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	0.7	0.5	0.4	0.6	0.8	0.8	0.6	0.5	.	.	0.8	0.5	0.3	0.2	0.4	0.1	0.6	0.5	0.4	0.3
6	.	.	.	.	0.1	.	.	.	.	.	0.4	0.1	.	.	.	.	0.6	0.1	0.1	.
7	1.6	1.6	1.0	1.9	1.8	0.6	1.9	1.8	1.8	1.4	0.8	0.7	0.4	0.5	1.2	0.7	0.3	0.9	0.7	1.0
8	3.0	1.9	3.3	2.6	4.8	2.7	3.1	2.7	2.9	2.4	1.9	1.9	1.8	1.6	2.0	2.0	1.3	1.1	1.3	2.1
9	24.9	18.3	22.7	22.6	18.6	21.1	17.1	20.3	17.3	19.4	8.9	9.3	9.7	10.0	13.5	10.9	9.5	10.9	9.7	10.2
10	0.1	.	.	.	0.1	0.1	.
11
12	2.5	2.2	2.5	2.6	1.8	2.9	2.2	2.0	3.5	3.3	0.6*	0.7	1.8	1.0	1.6	0.9	0.1	0.1	.	0.5
13	0.4	0.2	0.1	.	.	0.2	.	.
14
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16
17
18
19	0.1	.	.	0.1	.	.
20
21
22
23
24
25
26	0.1	.	.
27	0.1	.	0.1
28	0.1
29
30	0.1	.	.
31
I	38.9	34.2	32.4	33.6	30.4	32.7	34.5	39.7	27.1	32.4	16.0	16.4	15.1	14.3	22.2	17.0	15.8	15.5	14.3	16.7
NORM	21.3	21.6	23.5	21.0	21.8	25.1	20.9	.	24.8	.	23.1	22.9	22.8	22.7	26.7	23.4	22.2	20.4	21.7	22.4
II	2.9	2.2	2.5	2.6	1.8	3.1	2.2	2.0	3.5	3.3	0.6*	0.7	1.8	1.0	1.8	0.9	0.1	0.5	.	0.5
NORM	17.3	19.0	20.1	18.6	19.6	21.6	18.5	.	21.9	.	18.5	19.3	19.7	18.5	21.4	20.0	17.7	17.0	18.5	18.7
III	20.9	23.1	24.4	22.1	21.7	0.1	24.7	22.4	.	24.6	22.5	23.9	23.5	22.6	25.1	23.2	21.4	19.8	21.2	0.1
NORM	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MND	41.8	36.4	34.9	36.2	32.2	35.9	36.7	41.7	30.6	35.7	16.6	17.1	16.9	15.3	24.0	18.0	15.9	16.3	14.3	17.3
NORM	59.4	63.7	67.9	61.8	63.2	71.4	61.8	.	71.3	.	64.1	66.1	66.0	63.7	73.1	66.5	61.4	57.2	61.4	62.4

MAART 2003

NEERSLAG 8-8 UUR (MM)

NR	DISTRICT 4													DISTRICT 5						
	233	234	235	236	238	239	240	242	249	251	252	255	257	256	317	344	348	352	356	359
DAG	ZAAN DAM H'BRG	BER GEN	CAS TRICUM	MEDEM BLIK	DE HAUKES	DEN OEVER	KREI LER OORD	PURMER END	HOOG KARS PEL	WEST BEEM STER	KOL HORN	OB DAM	HOOG WOUD	MARK EN	MARK NESSE	TOLLE BEEK	EMMEL OORD	NA GELE	KUINRE	LEMMER BUMA
1	2.5	2.6	3.0	1.5	1.2	1.1	1.3	1.8	1.1	1.6	1.1	1.3	1.2	1.8	1.1	0.8	1.1	1.3	1.2	0.8
2	1.0	0.8	0.8	0.7	0.7	1.2	0.7	0.5	1.4	0.5	0.4	0.9	0.5	1.1	1.0	1.7	0.9	1.1	1.7	1.4
3	.	.	0.9	.	.	.	.	0.4	.	0.1	.	.	0.2	0.6	.	0.3	0.2	.	0.1	0.3
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	0.3	0.8	0.6	0.2	0.4	0.2	0.4	0.3	0.4	0.2	0.3	0.2	0.3	0.1	0.4	0.1	0.3	0.4	0.3	0.2
6	.	0.1	0.2	.	.	.	.	.	.	0.2	.	0.1	.	.	.	.	.	.	0.1	.
7	0.9	0.6	0.7	1.1	0.8	0.8	1.0	0.9	0.5	0.2	1.1	1.2	1.0	0.6	0.2	0.4	0.3	0.4	0.2	0.5
8	2.3	1.7	1.9	1.5	0.9	1.2	1.7	1.7	1.8	2.2	1.8	1.9	1.5	2.1	1.5	1.2	1.8	2.3	2.2	2.1
9	8.6	9.0	9.0	11.7	9.6	9.7	9.0	11.2	10.7	6.6	9.8	12.1	8.9	9.9	15.9	11.5	15.5	17.8	15.3	10.0
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.1	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.2
12	0.5	0.4	0.5	0.7	0.1	0.3	0.3	0.8	1.3	0.7	.	0.6	0.5	1.7	2.4	1.9	2.1	3.0	2.3	2.2
13	.	.	.	.	.	.	.	0.1	.	.	.	.	.	.	.	0.1	0.1	.	.	.
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	0.1	.	0.1	.	.	.	.	.	.	.	.	.	0.1
19	.	.	.	.	.	.	.	.	.	0.1	.	.	.	.	.	.	.	.	0.1	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	0.1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	0.1	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
I	15.6	15.6	17.1	16.7	13.6	14.2	14.1	16.8	15.9	11.6	14.5	17.7	13.6	16.2	20.1	16.0	20.1	23.3	21.2	15.3
NORM	23.8	22.2	23.1	22.0	21.1	19.2	19.3	23.8	21.2	21.9	19.7	.	.	.	.	.	22.7	22.4	23.3	20.4
II	0.5	0.4	0.5	0.7	0.1	0.3	0.3	1.0	1.3	0.9	.	0.6	0.5	1.7	2.4	2.0	2.2	3.0	2.4	2.5
NORM	19.7	17.1	20.0	18.5	17.8	17.9	16.8	19.8	17.6	19.2	17.7	.	.	.	.	.	19.2	18.2	20.0	17.2
III	.	0.1	.	.	.	.	.	.	.	0.1	.	.	.	.	.	.	.	.	.	.
NORM	24.6	20.4	22.4	21.5	21.1	20.6	19.7	24.6	22.1	23.2	20.4	.	.	.	.	.	21.4	20.5	22.6	19.9
MND	16.1	16.1	17.6	17.4	13.7	14.5	14.4	17.8	17.2	12.6	14.5	18.3	14.1	17.9	22.5	18.0	22.3	26.3	23.6	17.8
NORM	68.1	59.7	65.5	62.0	60.0	57.8	55.7	68.2	60.8	64.3	57.9	.	.	.	.	.	63.4	61.1	65.9	57.5
NR	DISTRICT 5								DISTRICT 6											
	364	365	366	367	369	371	372	516	298	327	330	331	332	333	335	339	340	341	342	343
DAG	DRON TEN	SWIF TER BANT	BID DING HUIZEN	O.VAAR DERS DIEP	LELY STAD	ZEE WOLDE	ZEE WOLDE SW	HARDER WIJK	STEEN WIJKS MOER	DWIN GE LOO	ZWOLLE	DENE KAMP	HOOG VEEN	EMMEN	IJSSSEL MUIDEN	RHEE ZER VEEN	HEINO	ZWEE LOO	VILS TEREN	SCHOO NEBEEK
1	1.3	1.6	1.2	2.3	1.8	2.5	2.7	1.8	1.1	1.3	1.5	0.7	1.4	0.7	0.9	1.8	1.8	1.5	1.4	0.2
2	1.0	0.8	0.3	2.4	1.2	0.8	0.7	0.4	8.2	4.2	2.5	8.1	4.7	11.5	0.8	5.7	3.1	8.5	4.5	9.2
3	.	0.5	.	0.8	0.1	0.3	0.1	0.4	.	0.1	.	.	0.3	0.4	.	0.2	0.1	.	.	0.1
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	0.2	0.3	.	0.2	0.2	0.1	0.3	0.2	.	0.1	0.7	0.3	0.3	0.1	.	.	0.4	.	0.5	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	0.4	0.7	0.5	0.3	0.7	1.0	1.0	0.8	1.2	0.4	0.5	2.0	0.3	2.3	0.6	1.1	0.9	0.6	0.8	1.9
8	1.2	0.9	1.2	1.2	0.7	1.4	0.8	0.9	0.8	2.4	1.2	0.6	2.6	1.1	1.3	1.0	1.2	1.6	1.3	0.4
9	12.0*	13.5	12.2	12.7	10.7	13.5	9.9	7.8	9.6	22.1	10.6	4.4	16.8	13.8	14.0	8.5	6.2	16.8	8.7	9.1
10	.	.	.	.	0.1	.	.	.	.	0.3	.	.	0.3	.	.	.	.	.	.	.
11	0.2	0.2	.	.	.	0.2	.	.	0.7	0.8	.	0.3	.	.
12	6.1	2.7	4.5	2.2	2.7	3.0	3.9	4.5	4.3	3.6	3.6	9.8	3.9	2.6	2.4	7.6	5.6	2.6	6.2	6.1
13	.	.	.	0.2	.	.	0.1	0.2	.	.	0.1	.	.	0.2	.	.	0.3	.	.	.
14
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16
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23
24
25
26
27	.	.	.	0.1
28
29	0.1
30	0.5
31
I	16.1*	18.3	15.4	19.9	15.5	19.6	15.5	12.3	20.9	30.9	17.0	16.1	26.7	29.9	17.6	18.3	13.7	29.0	17.2	20.9
NORM	23.3	22.0	22.9	22.9	.	.	.	22.5	.	25.6	22.8	21.5	23.9	22.6	22.8	23.1	20.9	23.4	22.9	20.9
II	6.1	2.7	4.5	2.4	2.7	3.0	4.2	4.9	4.3	3.6	3.7	10.0	3.9	2.8	2.4	8.3	6.7	2.6	6.5	6.1
NORM	19.7	18.3	18.9	19.0	.	.	.	20.1	.	22.6	20.3	19.5	22.9	21.9	20.0	20.8	19.2	21.8	20.3	18.9
III	.	.	.	0.1	.	.	0.1	.	.	.	.	0.5	.	.	.	.	.	.	.	.
NORM	22.1	21.3	21.7	22.2	.	.	.	22.7	.	24.4	23.4	22.6	25.2	24.2	21.8	23.8	21.1	24.0	21.7	20.7
MND	22.2	21.0	19.9	22.4	18.2	22.6	19.8	17.2	25.2	34.5	20.7	26.6	30.6	32.7	20.0	26.6	20.4	31.6	23.7	27.0
NORM	65.1	61.7	63.4	64.2	.	.	.	65.3	.	72.6	66.5	63.7	72.1	68.7	64.5	67.7	61.2	69.2	64.9	60.5

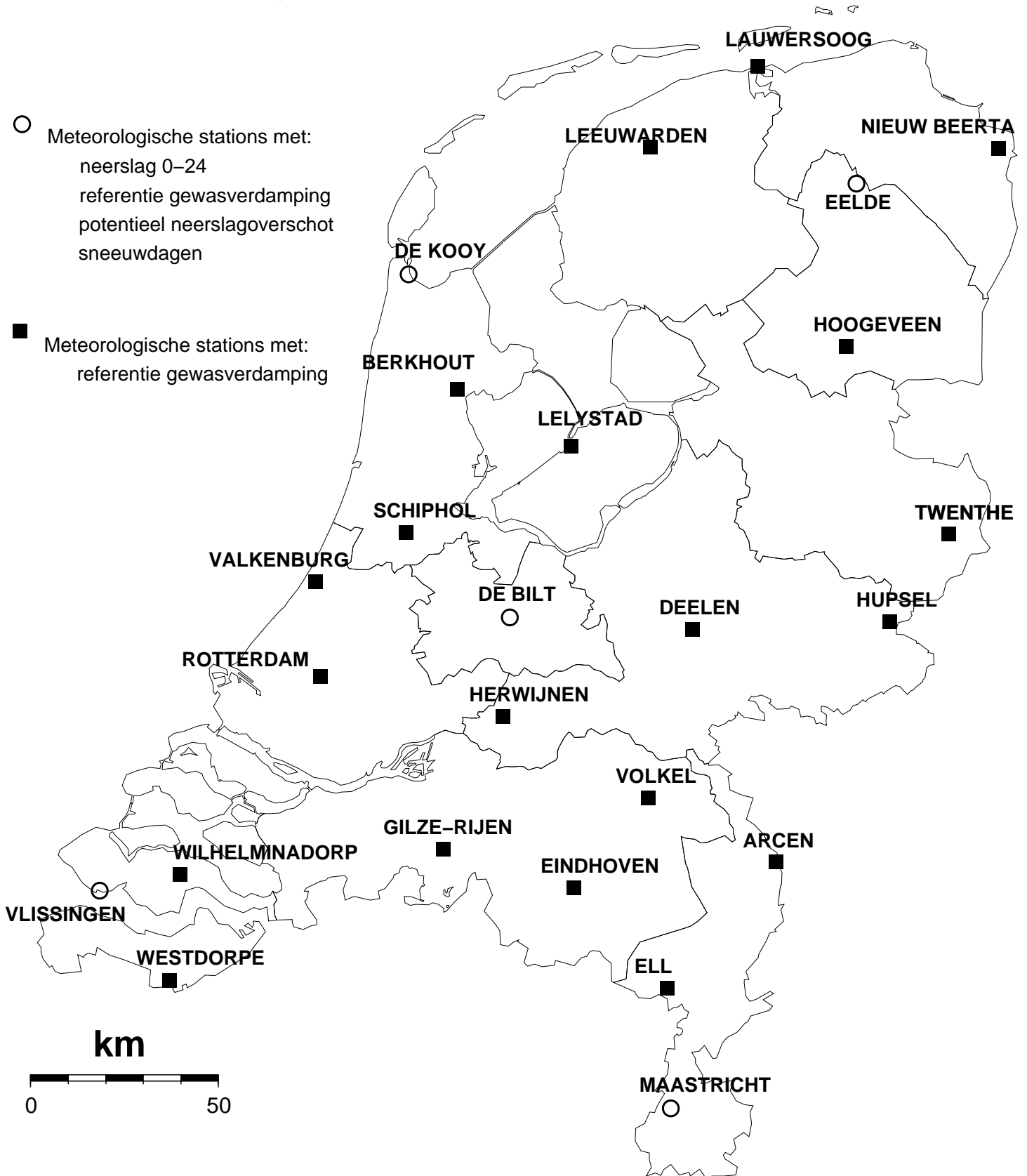
MAART 2003

NEERSLAG 8-8 UUR (MM)

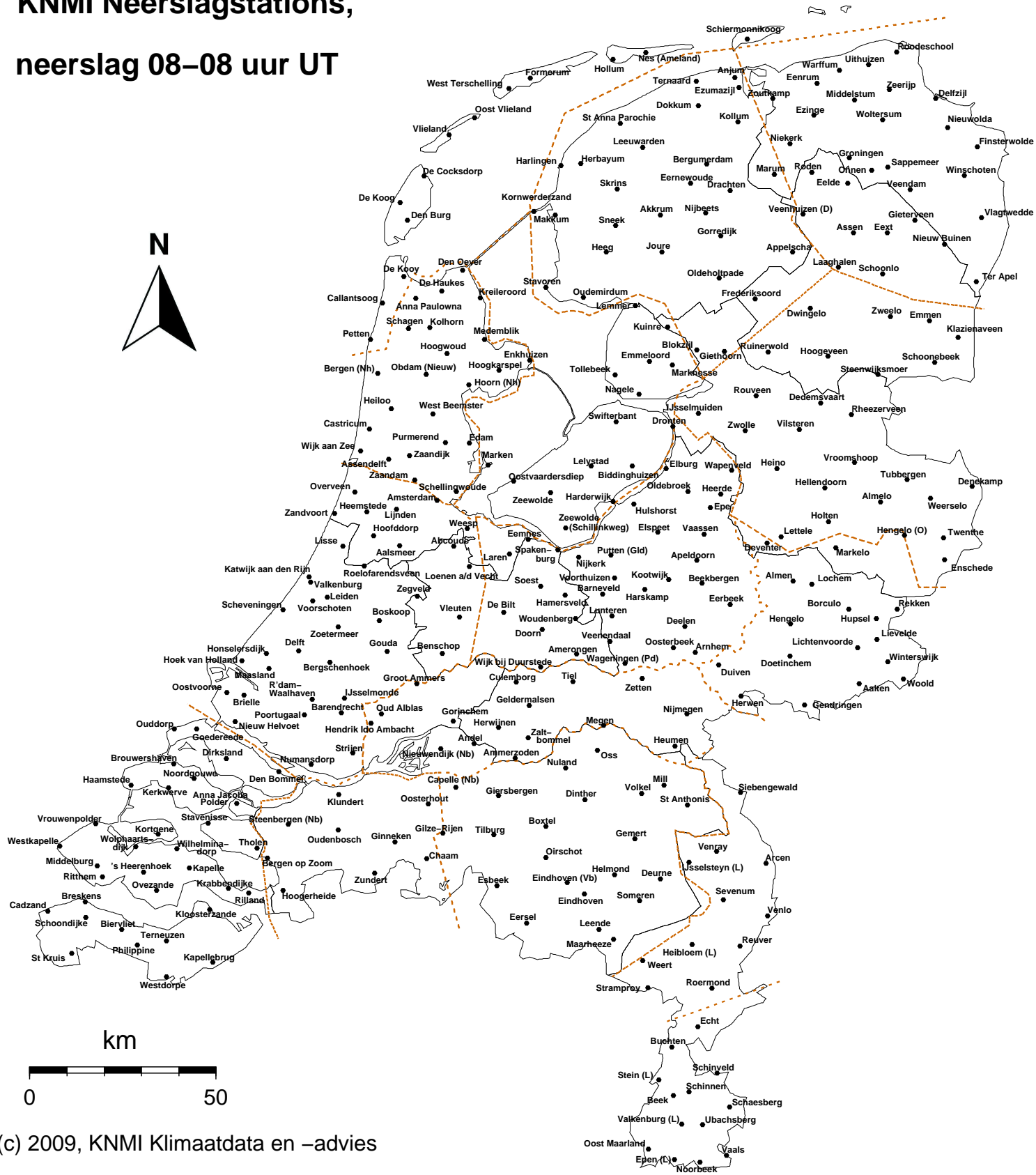
DISTRICT 15

NR	979	980	982
DAG	ECHT	EPEN	SCHIN VELD
1	3.1	4.0	4.4
2	7.4	7.9	8.9
3	5.3	20.0	12.5
4	.	.	.
5	0.6	.	0.1
6	.	.	.
7	3.5	6.3	6.2
8	.	.	0.1
9	.	.	.
10	.	.	.
11	1.1	1.6	1.3
12	12.8	13.7	16.8
13	0.3	1.2	1.0
14	.	.	.
15	.	.	.
16	.	.	.
17	.	.	.
18	.	.	.
19	.	.	.
20	.	.	.
21	.	.	.
22	.	.	.
23	.	.	.
24	.	.	.
25	.	.	.
26	.	0.5	0.4
27	.	.	.
28	.	.	.
29	0.6	.	0.3
30	0.6	0.7	0.3
31	.	.	.
I	19.9	38.2	32.2
NORM	16.7		
II	14.2	16.5	19.1
NORM	17.7		
III	1.2	1.2	1.0
NORM	22.6		
MND	35.3	55.9	52.3
NORM	57.0		

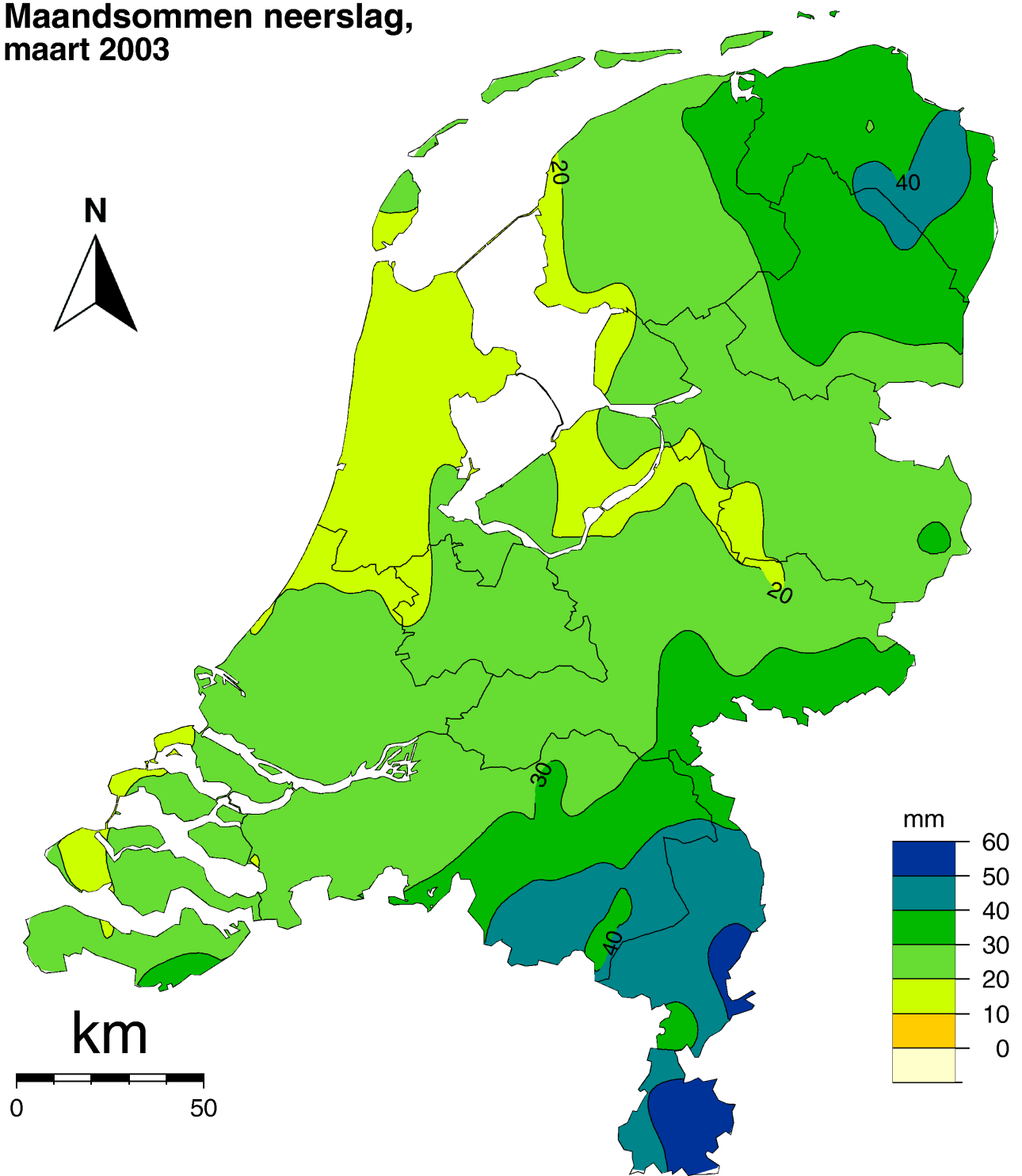
Kaart met meteorologische stations



KNMI Neerslagstations, neerslag 08–08 uur UT



Maandsommen neerslag, maart 2003



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Dit rapport is een uitgave van:

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