

AKZO ZOUT CHEMIE NEDERLAND B.V.  
LOKATIE DELFZIJL



LAUWER (AL) ZOUT WATERPASSIE

Deze reaktoren worden gebruikt om  
de reactie tussen Al<sup>3+</sup> en OH<sup>-</sup> te  
bestuderen. De reactie is:

1975

Behoort bij:  
5651676  
-1-026-303-7

ingenieursbureau  
'oranjewoud' bv

Verslag van de berekening en vereffening van de nauwkeurigheds-  
waterpassing uitgevoerd in opdracht van AKZO Zoutchemie Locatie  
Delfzijl in het najaar van 1975.

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Voor de berekening en vereffening van de metingen fungeren, evenals  
de voorgaande jaren, de punten 12 F - 42 en 8 C - 84 als aansluit-  
punten met de door de N.A.M. in mei 1975 vastgestelde hoogtes.

De vereffening geschiedde volgens de methode van de kleinste  
kwadraten, waaruit de hoogteverschillen tussen de knooppunten  
verkregen werden.

De tussenliggende peilmerken zijn evenredig met hun onderlinge  
afstanden vereffend en in hoogte berekend.

Het waterpasnet is een integraal net van de concessies Adolf van  
Nassau en het waterwingebied Kibbelgaarn.

De opgenomen differentiestaat laat de zakkingen van de peilmerken  
zien, die grotendeels door de gaswinning worden veroorzaakt (zie  
de zakking van de aansluitpunten).

Bijgaand treft u aan: de resumptiestaten van het jaar 1975 en de  
differentiestaat.

Heerenveen, november 1975.

Ingenieursbureau "Oranjewoud" B.V.

# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Rijksweg*

IN 8 BLADEN BLAD 1

FEIL-MERK	LENSTE SECTIE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE LoV N.A.P.	V= H-T	V <sup>2</sup> L	3 V <sup>2</sup> L	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
41	0,66	+0,067 01	-0,066 84	+0,066 92	2,054 53	2,17		3,97	
42					3,051 50				
42	1,03	-0,569 67	+0,572 70	-0,571 18	3,051 50	3,03		3,04	
51					2,480 32				
42	0,65	-0,323 25	+0,323 93	-0,323 59	3,051 50	0,68	0,7114	2,42	
43	1,25	-0,098 64	+0,099 47	-0,098 06	2,178 25	1,53	6,4071	3,25	
32	1,35	+0,181 14	-0,180 79	+0,180 96	2,630 50	0,35	0,3500	1,77	
35.1	1,57	+0,492 85	-0,491 19	+0,492 02	2,762 00	1,66	4,8344	2,25	
38	2,02			+0,201 33 + 1 49	3,250 22		12,3029		met 2,53 mm
43	0,03	-0,209 40	+0,209 05	-0,209 22	2,725 25	0,25		0,25	
44					2,519 03				
33	0,45	-0,514 12	+0,515 84	-0,514 98	3,250 32	1,72	6,5742	2,01	
41	0,50	-0,179 96	+0,180 83	-0,180 42	2,739 47	0,92	1,0580	2,68	
37	0,50	+0,074 13	-0,074 32	+0,074 22	2,550 29	0,19	0,0722	2,12	
37.1	0,46	+0,150 74	-0,149 34	+0,150 04	2,632 66	1,40	4,2600	2,02	
37.2	0,43	-0,123 23	+0,123 96	-0,123 60	2,783 84	0,73	1,2393	1,97	
38	2,64			-0,594 74 1 77	2,660 37		13,2046		met 2,02 mm
38	0,90	-0,300 15	+0,300 39	-0,300 28	2,660 37	0,21		2,02	
1					2,329 45				

# RESUMTIE DOORGAANDE WATERFASSING

GEBIED *Adolf van Nassau Bibliograaf*

IN 9 BLADEN BLAD 2

FEIL-MERK	LENGTE SECTIE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE to.v. N.A.P.	V = H-T	V <sup>2</sup> L	3 VL	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
33					3,554 32				
	0,24	-0,702 40	-0,703 33	+0,702 36		-0,93	3,60 29	1,47	
34					3,957 28				
	0,68	-0,146 35	+0,147 56	-0,147 32		0,88	1,12 88	2,47	
34.1					3,810 25				
	0,61	+0,402 28	-0,401 41	+0,401 84		0,87	1,24 08	3,34	
27					4,212 34				
	0,65	-0,264 32	+0,265 68	-0,265 25		0,86	1,13 78	2,12	
27.2					3,747 37				
	2,18			+0,692 13			7,12 12		m = ± 0,67 mm
1					2,859 75				
	0,53	+0,705 22	-0,705 39	+0,705 30		-0,17	0,05 45	2,18	
7					3,065 24				
	0,37	-0,002 21	+0,002 68	-0,002 43		0,44	0,52 32	1,82	
6					3,062 95				
	0,31	+0,193 09	-0,193 52	+0,193 30		-0,43	0,59 65	3,67	
5					3,046 87				
	0,77	+0,700 32	-0,700 94	+0,700 73		-0,42	0,23 84	2,53	
27.2					3,947 37				
	1,95			+1,586 90			1,41 26		m = ± 0,30 mm
5					3,246 37				
	0,33	-0,098 30	+0,098 42	-0,098 36		0,13		1,80	
3					3,148 01				
	0,71	+0,003 31	-0,003 79	+0,003 25		-0,48		1,92	
4					3,151 56				
	0,74			-0,094 31					
3					3,148 01				
	0,33	-0,002 22	+0,001 72	-0,001 97		-0,50		1,82	
2					3,146 04				
27.2					3,947 37				
	0,68	+0,125 66	-0,123 58	+0,124 62		2,08	6,35 24	2,47	
21					4,072 52				
	0,41	-0,973 02	+0,974 45	-0,973 74		1,43	4,33 76	1,92	
21.1					3,092 11				
	0,06	-0,213 96	+0,212 92	-0,213 94		-0,04	0,02 67	0,73	
24					2,985 22				
	0,54	+0,253 04	-0,252 77	+0,253 16		0,77	1,00 49	2,130	
21.2					3,128 34				
	0,57	+1,177 04	-1,195 45	+1,196 32		1,78	5,55 86	2,26	
14					4,335 34				
	2,31			+0,336 45			17,94 00		m = ± 0,95 mm

# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Kibbelgaarn*

IN 8 BLADEN BLAD 3

PEIL-MERK	LENGTE SECTIE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE Lo.v. N.A.P.	V = H-T	V2 L	3√L	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
11	0,68	+0,367 26	-0,367 96	+0,367 61	3,968 03	-0,70	0,7206	2,147	
14					4,325 64				
14	0,87	-0,656 23	+0,655 33	-0,655 78	4,335 64	0,90	0,9310	2,180	
37	0,81	-0,386 35	+0,387 30	-0,386 84	3,680 54	0,92	1,0449	2,70	
46	0,75	-0,308 06	+0,308 34	-0,308 20	3,294 34	0,28	0,1045	2,60	
46.1	2,43				2,986 73				
					-1,350 82 + 191		2,0804		m = ± 0,42 mm
46.1	0,63	-0,469 32	+0,468 65	-0,468 98	2,986 73	-0,67	0,7125	2,28	
48.1	0,51	+0,248 45	-0,247 76	+0,248 10	2,518 22	0,69	0,9335	2,14	
48.2	0,67	+0,312 69	-0,312 90	+0,312 80	2,746 70	-0,21	0,0658	2,46	
38.2	1,13	-0,720 61	+0,721 58	-0,721 10	3,080 00	0,97	0,8327	3,19	
1	2,94				2,359 75				
					-0,629 18 + 220		2,5445		m = ± 0,40 mm
46.1	0,04	-0,144 29	+0,144 21	-0,144 25	2,518 22	-0,08	0,1600	0,60	
43					2,373 97				
68	0,53	-0,532 35	+0,533 65	-0,533 00	2,660 87	-1,30	3,1887	2,18	
42	0,68	-0,602 95	+0,604 04	-0,603 50	2,127 63	1,09	1,3501	2,81	
47.1	0,79	+0,060 25	-0,060 74	+0,060 50	1,524 56	-0,47	0,3039	2,67	
47.2	0,80	-0,071 69	+0,073 94	-0,072 82	1,585 45	2,25	6,3281	2,68	
47.3	0,69	-0,587 82	+0,590 26	-0,589 04	1,513 02	2,44	8,6284	2,49	
47.4	0,78	+0,517 81	-0,518 75	+0,518 28	0,924 32	-0,94	1,1323	2,65	
76.1	4,47				1,442 99				
					-1,219 58 + 250		20,9320		m = ± 0,93
103.5	0,74	+1,268 01	-1,268 85	+1,268 43	0,487 30	-0,84		2,68	
103.4					- 36 1,756 09				

# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Kibbelgaan*

IN 8 BLADEN BLAD 4

PEIL-MERK	LENSTE-SECTIE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE to.v. N.A.P.	V = H-T	V <sup>2</sup> L	3VL	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
75.1	0,43	+0,485 76	-0,486 65	+0,486 20	1,440 99	-0,89	1,8421	1,97	
76	0,97	+0,272 57	-0,273 07	+0,272 95	1,929 40	-0,18	0,0334	2,95	
76.3	0,47	-0,433 91	-0,403 41	-0,423 66	2,202 86	-0,50	0,5319	2,06	
76.4	0,55	-1,312 34	+1,312 45	-1,312 40	1,799 43	0,11	0,0220	2,22	
103.5	2,42			-0,956 88 +1,19	0,457 30		2,4294		m = ± 0,39 m
103.4	0,50	-0,225 69	+0,226 21	-0,225 95	1,756 09	0,52	0,5408	2,12	
103.3	0,78	-0,889 36	+0,891 46	-0,890 41	1,530 36	2,10	5,6538	2,65	
103.2	0,67	-0,205 13	+0,206 38	-0,205 76	0,640 31	1,25	2,3321	2,45	
103A	1,95			-4,322 12 + 58	0,434 85		3,5267		m = ± 0,04 m
46.1	0,63	-0,407 24	+0,408 50	-0,407 87	2,986 73	1,26	1,9128	2,73	
57	0,33	+1,005 66	-1,006 14	+1,005 90	2,078 89	-0,48	0,6400	1,80	
58	0,89	-1,429 60	+1,428 36	-1,429 23	3,584 80	-0,74	0,6153	2,83	
65	0,56	+0,073 53	-0,073 49	+0,073 51	2,155 61	0,04	0,0029	2,50	
65.1	0,68	+0,035 66	-0,033 96	+0,034 81	2,249 14	1,70	4,2500	2,47	
65.2	0,64	+0,011 94	-0,011 80	+0,011 87	2,283 97	+0,14	0,0306	2,40	
67.1	0,90	-0,495 21	+0,495 07	-0,495 14	2,295 87	-0,14	0,0218	2,55	m = ± 0,50 m
69.2	4,86			-1,186 15 + 18	1,530 76		2,0111		
	1,23	+0,073 27	-0,073 33	+0,073 30		-0,06	0,0029	3,33	
69.3	0,90	-1,052 16	+1,050 84	-1,051 50	1,874 16	-1,32	1,9360	2,85	
69.4	0,47	-0,008 24	+0,007 45	-0,007 84	0,822 73	-0,79	1,3209	2,06	
69.5	0,41	-0,217 64	+0,218 67	-0,218 16	0,814 92	1,05	2,6890	1,92	
69.6	0,42	-0,124 19	+0,124 21	-0,124 50	0,596 79	0,62	0,9152	1,94	
69.7	0,29	-0,037 58	+0,037 40	-0,037 49	0,472 23	-0,18	0,1117	1,62	
103A	3,92			-1,366 19	0,434 85		6,9827		m = ± 0,50 m

# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Kibbelgaarn*

IN 8 BLADEN BLAD 5

PEIL-MERK	LENGTE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE to.v. N.A.P.	V = H-T	V <sup>2</sup> L	3VL	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
A3A					0,434 85				
	0,61	+0,179 75	-0,181 05	+0,180 40		-1,29	2,72 80	2,34	
114					0,615 61				
	0,43	+0,224 39	-0,222 66	+0,223 52		1,73	6,96 02	1,96	
X1					0,839 39				
	0,47	-0,313 80	+0,314 17	-0,313 98		0,37	0,29 13	2,06	
H					0,525 68				
	0,30	+0,906 68	-0,906 83	+0,906 76		-0,15	0,07 50	1,64	
C					1,432 62				
	0,16	-0,284 43	-0,284 22	+0,284 62		0,21	0,27 56	1,20	
125					1,717 04				
	0,22	-0,031 63	+0,032 16	-0,031 90		0,53	1,27 68	1,41	
VII					1,685 27				
	0,22	+1,410 15	-1,409 71	+1,409 93		0,44	0,68 00	1,41	
131.1					3,095 33				
	2,41			+2,659 05 +143			12,48 69		m = ± 0,67 mm
131.1					3,095 33				
	0,35	-1,668 70	+1,668 34	-1,668 37		-0,06	0,01 03	1,77	
F					1,427 46				
	0,11	+0,228 08	-0,228 18	+0,228 10		-0,16	0,23 27	0,99	
W1					1,485 72				
	0,70	+0,629 01	-0,629 03	+0,629 02		-0,02	0,00 06	2,51	
XVI					2,085 75				
	0,76	-0,583 75	+0,583 67	-0,583 71		-0,08	0,00 84	2,62	
120					1,498 13				
	1,92			-1,599 96 + 276			0,25 20		m = ± 0,13 mm
120					1,498 13				
	0,45	-0,270 76	+0,271 11	-0,270 94		0,35		2,01	
I					-24 1,226 95				
1					1,226 95				
	0,49	+0,988 02	-0,988 47	+0,988 24		-0,45	0,41 33	2,10	
137					2,215 22				
	0,59	-0,423 48	+0,422 05	-0,422 86		-1,23	2,56 42	3,30	
127					1,792 40				
	0,35	-0,203 96	+0,203 56	-0,203 76		-0,40	0,44 44	1,80	
124					1,588 66				
	1,44			+0,361 62 +9			3,42 19		m = ± 0,53 mm
124					1,588 66				
	0,70	+1,102 06	-1,102 92	+1,102 99		0,14	0,02 80	2,51	
97					2,691 65				
	1,13	-2,250 98	+2,251 06	-2,251 02		0,08	0,00 57	3,19	
100					0,440 63				
	0,89	-0,220 37	+0,222 12	-0,221 24		1,75	3,44 10	2,83	
100					0,219 39				

# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Kibbelgaarn*

IN 8<sup>e</sup> BLADEN BLAD 6

PEIL-MERK	LENGTE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE Lov. N.A.P.	V = H-T.	V <sup>2</sup> L	3 VL	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
120	0,53	-1,136 38	+1,137 35	-1,136 86	1,498 13	0,97	1,775 3	2,08	
106	0,49	+0,088 04	-0,088 96	+0,088 50	0,361 55	-0,92	1,727 3	2,10	
RN2	0,42	+1,219 90	-1,220 43	+1,220 16	0,450 32	-0,53	0,668 8	1,94	
84	1,44			+0,171 80 + 77	1,670 70		4,171 4		m = ± 0,59 mm
124	0,43	-0,320 68	+0,321 19	-0,320 94	1,588 66	0,51	0,604 9	1,97	
123	0,35	+0,322 70	-0,321 44	+0,322 07	1,267 75	1,26	4,536 0	1,77	
106	0,31	+1,878 80	-1,878 34	+1,878 57	1,589 84	0,46	0,682 6	1,67	
117	0,52	+3,081 44	-3,081 57	-3,081 49	3,463 43	0,10	0,019 2	2,16	
113	0,41	+0,053 33	-0,052 33	+0,052 86	0,381 97	1,05	2,689 0	1,92	
20A	2,02			-1,153 93 + 13	0,434 85		8,531 7		m = ± 0,35 mm
121.1	0,31	-1,499 24	+1,499 62	-1,499 43	3,095 33	0,38	0,465 8	1,67	
D	0,31	-0,467 92	+0,467 41	-0,467 66	1,596 08	-0,51	0,839 0	1,67	
A	0,16	-0,253 10	+0,252 93	-0,253 02	1,128 60	-0,17	0,180 6	1,20	
IV B	0,25	-0,001 08	+0,001 10	-0,001 09	0,875 68	0,02	0,001 6	1,50	
111A	0,25	+0,352 04	-0,352 08	+0,352 06	0,874 74	-0,04	0,006 4	1,50	
I	1,28			-1,869 14 + 76	1,026 95		1,493 4		m = ± 0,27 mm
H	0,20	+0,440 36	-0,441 55	+0,440 96	0,525 69	-1,19	7,080 5	1,34	
118	0,29	+0,955 65	-0,955 05	+0,955 35	0,966 64	0,60	1,241 4	1,62	
119	0,31	-0,447 48	+0,448 01	-0,447 74	1,921 99	0,53	0,906 1	1,67	
120	0,16	-0,229 05	+0,229 58	-0,229 32	1,474 25	0,53	1,755 6	1,20	
I	0,96			+0,774 25	1,244 93		10,983 6		m = ± 0,50 mm



# RESUMTIE DOORGAANDE WATERPASSING

GEBIED *Adolf van Nassau Kibbelgaarn*

IN 8 BLADEN BLAD 7

FEIL-MERK	LENGTE SECTIE L IN KM	GEMETEN HOOGTEVERSCHIL			HOOGTE to.v. N.A.P.	V = H-T.	V <sup>2</sup> L	3 V <sup>2</sup> L	OPMERKINGEN
		HEEN H	TERUG T	GEMIDD. CORRECTIE					
VIII	0,08	-0,090 28	+0,090 45	-0,090 36	1,685 27	0,17		0,85	
E					1,594 91				
131.1	0,25	-1,409 90	+1,409 67	-1,409 78	3,095 33	-0,23		1,50	
B					1,685 55				
F	0,38	-0,403 15	+0,403 54	-0,403 35	1,427 46	0,39		1,84	
G					1,024 11				
A	0,08	+0,300 70	-0,301 20	+0,300 95	1,128 60	-0,50		0,85	
V					1,429 55				
76.1	0,22	-0,208 94	+0,204 15	-0,204 04	1,442 99	0,21	0,2005	1,41	
76.2	0,65	-0,695 48	+0,695 13	-0,695 30	1,238 59	-0,35	0,1885	2,42	
104.1	0,47	+0,253 72	-0,254 07	+0,252 90	0,542 23	-0,35	0,2606	2,06	
104.2	1,34				0,795 37				m = 3 0,23 mm
					-0,645 44		0,6495		
					- 218				
104.2	0,18	+0,344 93	-0,345 40	+0,345 16	0,795 37	-0,47		1,27	
104.3					- 4 1,140 49				
104.3	0,61	-0,404 02	+0,402 75	-0,403 88	1,140 49	-0,27		2,34	
103.1	0,72	-0,245 36	+0,246 71	-0,247 54	0,735 80	-1,65		2,65	
103.5	1,33				0,487 30				
					-0,651 42				
					- 177				



# DIFFERENTIE STAAT

p. bld.	N <sup>o</sup>	1969		1970		1971		1972		1973		1973 uit NAM '72		1974		1975	
		hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm	hoogte (m)	Ø1mm
2F	41	2,9832	1	2,9850	1	2,9961	+29	2,9951	+19	2,9894	-50	2,9872	-60	2,9846	-86		
2F	40	3,0636	0	3,0636	0	3,0636	0	3,0636	0	3,0579	-57	3,0545	-91	3,0515	-121		
2F	51	2,4437	-11	2,4441	-8	2,4919	-33	2,4920	-32	2,4863	-89	2,4816	-136	2,4803	-149		
2F	43	2,7434	-3	2,7431	-4	2,7420	-3	2,7420	-14	2,7358	-76	2,7320	-114	2,7282	-152		
4	43	2,5315	-	2,5315	-	2,5316	+1	2,5316	+1	2,5254	-61	2,5230	-85	2,5190	-125		
3F	32	2,6444	-1	2,6445	-6	2,6450	+8	2,6450	+9	2,6379	-63	2,6340	-102	2,6308	-134		
2F	36.1	2,7067	+3	2,7110	+3	2,7801	-6	2,7785	-22	2,7711	-80	2,7672	-134	2,7620	-187		
2F	35	2,5684	1	2,5687	1	2,5703	+19	2,5712	+28	2,5633	-51	2,5619	-66	2,5593	-141		
2F	30	2,5477	1	2,5477	1	2,5408	-18	2,5422	-4	2,5341	-85	2,5286	-40	2,5286	-126		
2F	31	2,7511	+7	2,7513	+7	2,7535	+15	2,7568	+47	2,7487	-34	2,7446	-75	2,7395	-151		
2F	37	2,5744	-5	2,5749	-5	2,5757	+13	2,5773	+29	2,5690	-54	2,5647	-97	2,5593	-135		
2F	36.1	2,6472	1	2,6472	1	2,6504	+32	2,6510	+38	2,6425	-45	2,6373	-99	2,6337	-160		
2F	38	2,8011	+14	2,8011	+14	2,8024	+25	2,8018	+20	2,7933	-46	2,7876	-122	2,7838	-160		
2F	39	2,6733	+13	2,6733	+13	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	40	2,3726	-1	2,3724	-1	2,3756	+28	2,3766	+28	2,3670	-58	2,3652	-76	2,3598	-130		
2F	41	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	42	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	43	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	44	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	45	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	46	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	47	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	48	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	49	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	50	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	51	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	52	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	53	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	54	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	55	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	56	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	57	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	58	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	59	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	60	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	61	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	62	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	63	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	64	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	65	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	66	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	67	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	68	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	69	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	70	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	71	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	72	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	73	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	74	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	75	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	76	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	77	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	78	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	79	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	80	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	81	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	82	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	83	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	84	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	85	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	86	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	87	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	88	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	89	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	90	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	91	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	92	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	93	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	94	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	95	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	96	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	97	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	98	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	99	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	100	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	101	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	102	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	103	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	104	2,6733	+1	2,6733	+1	2,6744	+41	2,6775	+43	2,6687	-46	2,6656	-77	2,6604	-129		
2F	105	2,5726	-1	2,5724	-1	2,5756	+28	2,5766	+28	2,5670	-58	2,5652	-76	2,5598	-130		
2F	106	2,3774	-1	2,3774	-1	2,3907	+33	2,3907	+33	2,3826	-42	2,3806	-68	2,3752	-122		
2F	107	2,7183	+1	2,7183	+1	2,7193	0	2,7193	0	2,7186	-86	2,7169	-100	2,7123	-153		
2F	108	2,8139	+1	2,8139	+1	2,8146	+30	2,8146	+30	2,8114	-58	2,8092	-88	2,8030	-140		
2F	109	2,6733	+1														

DIFFERENTIE STAAT

ILMERK p.bld.	N <sup>o</sup>	1969		1970		1971		1972		1973		1974		1975	
		hoogte (m)	0,1mm	hoogte (m)	0,1mm	hoogte (m)	0,1mm	hoogte (m)	0,1mm	hoogte (m)	0,1mm	hoogte (m)	0,1mm	hoogte (m)	0,1mm
3A	59.3	1,9374	-6	1,9398	-6	1,9388	-1	1,9366	-28	1,9374	-47	1,9370	-204	1,8742	-254
3A	59.4	1,9417	-19	1,9445	-19	1,9445	+9	1,9454	+37	1,9454	+30	1,9479	-140	0,8227	-190
3A	59.5	1,9346	-18	1,9385	-18	1,9385	+24	1,9370	+24	1,9385	+39	1,9393	-153	0,8149	-197
3A	59.6	1,9388	-17	1,9419	-17	1,9419	+14	1,9402	+14	1,9402	+19	1,9402	-178	0,5968	-220
3A	59.7	1,9446	-11	1,9481	-11	1,9481	+15	1,9467	+15	1,9467	+22	1,9476	-182	0,4723	-223
3A	59.8	1,9491	-11	1,9524	-11	1,9524	+5	1,9506	+5	1,9506	+20	1,9509	-192	0,4348	-243
3A	59.9	1,9542	-18	1,9579	-18	1,9579	+11	1,9563	+11	1,9563	-14	1,9563	-224	0,6156	-283
3A	60.0	1,9627	-19	1,9674	-19	1,9674	+8	1,9678	+8	1,9678	-51	1,9684	-235	0,8394	-295
3A	60.1	1,9737	-15	1,9790	-15	1,9790	+13	1,9782	+13	1,9782	-7	1,9782	-217	0,5257	-285
3A	60.2	1,9831	-18	1,9891	-18	1,9891	+13	1,9883	+13	1,9883	-28	1,9882	-254	1,4326	-310
3A	60.3	1,9945	-15	1,9998	-15	1,9998	-8	1,9990	-8	1,9990	-30	1,9991	-249	1,1710	-310
3A	60.4	2,0090	-21	2,0154	-21	2,0154	-42	2,0143	-42	2,0143	-90	2,0143	-334	1,6853	-402
3A	60.5	1,4564	-27	1,4581	-27	1,4581	-	1,4568	-	1,4568	-	1,4568	-	1,4275	-311
3A	60.6	1,4586	-25	1,4613	-25	1,4613	+1	1,4603	+1	1,4603	-19	1,4603	-248	1,4557	-305
3A	60.7	1,4674	-25	1,4705	-25	1,4705	+7	1,4688	+7	1,4688	-23	1,4688	-247	2,0858	-321
3A	60.8	1,4774	-4	1,4815	-4	1,4815	-5	1,4805	-5	1,4805	-37	1,4805	-260	1,4981	-311
3A	60.9	1,4888	-4	1,4933	-4	1,4933	-6	1,4923	-6	1,4923	-4	1,4923	-253	1,2270	-337
3A	61.0	1,5000	-4	1,5050	-4	1,5050	-9	1,5038	-9	1,5038	-39	1,5038	-271	2,2152	-299
3A	61.1	1,5113	-4	1,5165	-4	1,5165	+2	1,5155	+2	1,5155	-7	1,5155	-240	1,7924	-338
3A	61.2	1,5226	-4	1,5280	-4	1,5280	+14	1,5265	+14	1,5265	-17	1,5265	-267	1,5887	-314
3A	61.3	1,5339	-4	1,5393	-4	1,5393	-19	1,5378	-19	1,5378	-6	1,5378	-246	2,6916	-272
3A	61.4	1,5452	-4	1,5506	-4	1,5506	-1	1,5491	-1	1,5491	+8	1,5491	-206	0,4406	-301
3A	61.5	1,5565	-4	1,5619	-4	1,5619	+6	1,5604	+6	1,5604	+30	1,5604	-334	0,2194	-402
3A	61.6	1,5678	-4	1,5732	-4	1,5732	+15	1,5717	+15	1,5717	+24	1,5717	-273	1,2678	-341
3A	61.7	1,5791	-4	1,5845	-4	1,5845	+30	1,5830	+30	1,5830	+24	1,5830	-250	1,5898	-332
3A	61.8	1,5904	-4	1,5958	-4	1,5958	+24	1,5943	+24	1,5943	-1	1,5943	-306	3,4634	-301
3A	61.9	1,6017	-4	1,6071	-4	1,6071	+30	1,6056	+30	1,6056	+46	1,6056	-246	0,3820	-380
3A	62.0	1,6130	-4	1,6184	-4	1,6184	-3	1,6169	-3	1,6169	-49	1,6169	-306	0,9666	-254
3A	62.1	1,6243	-4	1,6297	-4	1,6297	+5	1,6282	+5	1,6282	-5	1,6282	-212	1,9220	-237
3A	62.2	1,6356	-4	1,6410	-4	1,6410	+11	1,6395	+11	1,6395	+8	1,6395	-193	1,4742	-215
3A	62.3	1,6469	-4	1,6523	-4	1,6523	+14	1,6508	+14	1,6508	+25	1,6508	-170	1,2449	-215
3A	62.4	1,6582	-4	1,6636	-4	1,6636	+8	1,6621	+8	1,6621	+27	1,6621	-162	1,5961	-339
3A	62.5	1,6695	-4	1,6749	-4	1,6749	-8	1,6734	-8	1,6734	-24	1,6734	-274	1,1286	-380
3A	62.6	1,6808	-4	1,6862	-4	1,6862	+39	1,6847	+39	1,6847	-69	1,6847	-319	1,5949	-317
3A	62.7	1,6921	-4	1,6975	-4	1,6975	+5	1,6960	+5	1,6960	-1	1,6960	-267	1,6896	-350
3A	62.8	1,7034	-4	1,7088	-4	1,7088	-9	1,7073	-9	1,7073	-11	1,7073	-	3,0953	-344
3A	62.9	1,7147	-4	1,7201	-4	1,7201	-	1,7186	-	1,7186	-	1,7186	-	1,0241	-329
3A	63.0	1,7260	-4	1,7314	-4	1,7314	+2	1,7299	+2	1,7299	-29	1,7299	-259	1,4296	-317
3A	63.1	1,7373	-4	1,7427	-4	1,7427	+8	1,7412	+8	1,7412	-77	1,7412	-271	0,3616	-284
3A	63.2	1,7486	-4	1,7540	-4	1,7540	-3	1,7525	-3	1,7525	-4	1,7525	-223	0,4503	-292
3A	63.3	1,7599	-4	1,7653	-4	1,7653	+3	1,7638	+3	1,7638	-4	1,7638	-230	1,6705	-295
3A	63.4	1,7712	-4	1,7766	-4	1,7766	+5	1,7751	+5	1,7751	+3	1,7751	-237	3,0953	-345
3A	63.5	1,7825	-4	1,7879	-4	1,7879	0	1,7864	0	1,7864	-2	1,7864	-269	0,8757	-64
3A	63.6	1,7938	-4	1,7992	-4	1,7992	-	1,7977	-	1,7977	-	1,7977	-	0,8747	-58
3A	63.7	1,8051	-4	1,8105	-4	1,8105	-	1,8090	-	1,8090	-	1,8090	-		
3A	63.8	1,8164	-4	1,8218	-4	1,8218	-	1,8203	-	1,8203	-	1,8203	-		
3A	63.9	1,8277	-4	1,8331	-4	1,8331	-	1,8316	-	1,8316	-	1,8316	-		
3A	64.0	1,8390	-4	1,8444	-4	1,8444	-	1,8429	-	1,8429	-	1,8429	-		
3A	64.1	1,8503	-4	1,8557	-4	1,8557	-	1,8542	-	1,8542	-	1,8542	-		
3A	64.2	1,8616	-4	1,8670	-4	1,8670	-	1,8655	-	1,8655	-	1,8655	-		
3A	64.3	1,8729	-4	1,8783	-4	1,8783	-	1,8768	-	1,8768	-	1,8768	-		
3A	64.4	1,8842	-4	1,8896	-4	1,8896	-	1,8881	-	1,8881	-	1,8881	-		
3A	64.5	1,8955	-4	1,9009	-4	1,9009	-	1,8994	-	1,8994	-	1,8994	-		
3A	64.6	1,9068	-4	1,9122	-4	1,9122	-	1,9107	-	1,9107	-	1,9107	-		
3A	64.7	1,9181	-4	1,9235	-4	1,9235	-	1,9220	-	1,9220	-	1,9220	-		
3A	64.8	1,9294	-4	1,9348	-4	1,9348	-	1,9333	-	1,9333	-	1,9333	-		
3A	64.9	1,9407	-4	1,9461	-4	1,9461	-	1,9446	-	1,9446	-	1,9446	-		
3A	65.0	1,9520	-4	1,9574	-4	1,9574	-	1,9559	-	1,9559	-	1,9559	-		
3A	65.1	1,9633	-4	1,9687	-4	1,9687	-	1,9672	-	1,9672	-	1,9672	-		
3A	65.2	1,9746	-4	1,9800	-4	1,9800	-	1,9785	-	1,9785	-	1,9785	-		
3A	65.3	1,9859	-4	1,9913	-4	1,9913	-	1,9898	-	1,9898	-	1,9898	-		
3A	65.4	1,9972	-4	2,0026	-4	2,0026	-	2,0011	-	2,0011	-	2,0011	-		
3A	65.5	2,0085	-4	2,0139	-4	2,0139	-	2,0124	-	2,0124	-	2,0124	-		
3A	65.6	2,0200	-4	2,0254	-4	2,0254	-	2,0239	-	2,0239	-	2,0239	-		
3A	65.7	2,0313	-4	2,0367	-4	2,0367	-	2,0352	-	2,0352	-	2,0352	-		
3A	65.8	2,0426	-4	2,0480	-4	2,0480	-	2,0465	-	2,0465	-	2,0465	-		
3A	65.9	2,0539	-4	2,0593	-4	2,0593	-	2,0578	-	2,0578	-	2,0578	-		
3A	66.0	2,0652	-4	2,0706	-4	2,0706	-	2,0691	-	2,0691	-	2,0691	-		
3A	66.1	2,0765	-4	2,0819	-4	2,0819	-	2,0804	-	2,0804	-	2,0804	-		
3A	66.2	2,0878	-4	2,0932	-4	2,0932	-	2,0917	-	2,0917	-	2,0917	-		
3A	66.3	2,0991	-4	2,1045	-4	2,1045	-	2,1030	-	2,1030	-	2,1030	-		
3A	66.4	2,1104	-4	2,1158	-4	2,1158	-	2,1143	-	2,1143	-	2,1143	-		
3A	66.5	2,1217	-4	2,1271	-4	2,1271	-	2,1256	-	2,1256	-	2,1256	-		
3A	66.6	2,1330	-4	2,1384	-4	2,1384	-	2,1369	-	2,1369	-	2,1369	-		
3A	66.7	2,1443	-4	2,1497	-4	2,1497	-	2,1482	-	2,1482	-	2,1482	-		
3A	66.8	2,1556	-4	2,1610	-4	2,1610	-	2,1595	-	2,1595	-	2,1595	-		
3A	66.9	2,1669	-4	2,1723	-4	2,1723	-	2,1708	-	2,1708	-	2,1708	-		
3A	67.0	2,1782	-4	2,1836	-4	2,1836	-	2,1821	-	2,1821	-	2,1821	-		
3A	67.1	2,1895	-4	2,1949	-4	2,1949	-	2,1934	-	2,1934	-	2,1934	-		
3A	67.2	2,2008	-4	2,2062	-4	2,2062	-	2,2047	-	2,2047	-	2,2047	-		
3A	67.3	2,2121	-4	2,2175	-4	2,2175	-	2,2160	-	2,2160	-	2,2160	-		
3A	67.4	2,2234	-4	2,2288	-4	2,2288	-	2,2273	-	2,2273	-	2,2273	-		
3A	67.5	2,2347	-4	2,2401	-4	2,2401	-	2,2386	-	2,2386	-	2,2386	-		
3A	67.6	2,2460	-4	2,2514	-4	2,2514	-	2,2499	-	2,2499	-	2,2499	-		
3A	67.7	2,2573	-4	2,2627	-4	2,2627	-	2,2612	-	2,2612	-	2,2612	-		
3A	67.8	2,2686	-4	2,2740	-4	2,2740	-	2,2725	-	2,2725	-	2,2725	-		
3A	67.9	2,2799	-4	2,2853	-4	2,2853	-	2,2838	-	2,2838	-	2,2838	-		
3A	68.0	2,2912	-4	2,2966	-4	2,2966	-	2,2951	-	2,2951	-	2,2951	-		
3A	68.1	2,3025													

