

Fjarðarárvirgjun. Greinargerð til bráðabirgða
um rennsli við vatnshæðarmæla og til
virgjunar

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Greinargerð KE-88-02

FJARÐARÁRVIRKJUN
GREINARGERÐ TIL BRÁÐABIRGÐA
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Eftirfarandi greinargerð er sett fram til bráðabirgða og svo fljótt sem unnt er, þannig að Rafmagnsveitur ríkisins geti athugað án tafar, hve hagkvæm ný virkjun í Fjarðará geti orðið.

Gerðir hafa verið nýir rennslislyklar fyrir vhm 47 Miðhúsaá; Steinholt og vhm 83 Fjarðará; Neðri-Staf. Gildir nýr lykill fyrir Miðhúsaá frá upphafi mælinga, en nýr lykill fyrir vhm 83 í Fjarðará gildir frá og með 1. maí 1978. Sá fyrrnefndi er talinn vel skilgreindur, en sá síðarnefndi er ekki nógu vel þekktur við hátt rennsli. Til stendur að bæta úr því með rennslismælingum með íblöndunaraðferð þegar áin er í vorflóði. Rennslislykill við vhm 83 telst því bráðabirgðalykill, en tvímælalaust mikið til bóta, miðað við fyrri lykil, varðandi lágrennsli.

Að fengnu rennsli skv. nýjum rennslislyklum lá fyrir að lengja rennslisröð við vhm 83 til samræmis við staðlað árabíl rekstrareftirlíkinga á virkjunum, en það nær yfir vatnsárin 1950/83. Mælt rennsli nær til vatnsáranna 1958/83, bæta þurfti 8 vatnsárum framan við, þ.e. 1950/57. Jafnframt lá fyrir að dreifa rennslinu yfir vatnasvið vatnshæðarmælanna tveggja, þannig að meta mætti virkjanlegt rennsli á veitustað.

Niðurstöður voru þessar í sem allra stytztu máli:

Notað var tímaráðalíkan það sem Árni Snorrason setti upp á tölvu Orkustofnunar fyrir nokkrum árum. Byrjað var á því að sía meðaltal og árssveiflu frá mældum röðum, sem nota skyldi við líkangerðina. Um var að ræða, fyrir utan rennslisröðina sem lengja átti, rennsli við vhm 47 Miðhúsaá og veðurþætti (gráðudaga >0 , >2 , >4 og >6 °C auk úrkomu) frá veðurstöðvunum Teigarhorni og Hallormsstað.

Meðaltal og árssveifla voru metin með þriggja þátta Fourier-röðun. Við þá aðgerð skýrðust 82 % af breytileika rennslis við vhm 83 á Neðri-Staf.

Fundið var bezta línulegt samband fyrir leifarliði ofangreindra tímaraða, og auk þess tekin með leifaröð rennslis við vhm 83 hliðruð um eitt tímaskref (2 vikur). Þannig fékkst mat á sjálffylgni í rennslinu. Niðurstaðan var:

$$y_{q083} = 2,3 \cdot y_{q047} + 0,18 \cdot y_{q083-1} + 0,018 \cdot y_{>2Hall} - 0,03 \quad (1)$$

þar sem y_{q083} stendur fyrir leifarröð rennslis við vhm 83, y_{q047} stendur fyrir leifarröð rennslis við vhm 47, y_{q083-1} stendur fyrir leifarröð rennslis við vhm 83 hliðraða fram um eitt tímaskref og $y_{>2Hall}$ stendur fyrir leifarröð gráðudaga >2 °C á Hallormsstað.

Þessi líking skýrði 83,3 % af þeim 18 % breytileikans sem eftir var að skýra, eða 15 % heildarbreytileikans. Samtals skýrði líkanið því 97 % af breytileika rennslis við vhm 83.

Næst var fundinn úrkomustigull fyrir vatnasvið vhm 47 og vhm 83. Til þess var athuguð

úrcoma á nálægum veðurstöðvum yfir sambærileg tímabil og fundin vatnasviðshæð fyrir vatnshæðarmælana, þ.e. hlutfall flatarmáls í hverju hæðarbili. Meðalafrennsli vatnasviðanna var látið samsvara úrkomumælingu í þyngdarpunkti þeirra. Er það gert með þeim rökum, að tap í úrkomumæli samsvari u.þ.b. uppgufun af vatnasviði. Úrkoma á Egilsstöðum var látin skilgreina neðri enda línunnar móti Miðhúsaá, og úrkoma á Seyðisfirði það sama gagnvart Fjarðará (sjá MYND 1). Skurðpunktur úrkomulínu við miðju hvers hæðarbils ákvarðar síðan hlutdeild þess í meðalrennslinu. Þessar niðurstöður voru notaðar til að ákveða rennslis hlutfall hlutsvæða, sbr. TÖFLU 3 og 4.

Að svo stöddu verður frekari útskýringum, niðurstöðum og ályktunum sleppt þar til að skýrslu kemur. Meðfylgjandi eru eftirfarandi plögg um úrkomu og rennsli á Fjarðarheiði og nágrenni:

1. TAFLA 1. Ársúrcoma / meðalúrcoma á veðurstöðvum á Austurlandi [mm].
2. TAFLA 2. Úrkomuhlutföll milli veðurstöðva á Austurlandi.
3. TAFLA 3. Flatarmál vatnasviða skv. AMS-korti og rennslis hlutföll. Vhm 83 Fjarðará; Neðri-Stafur og vhm 47 Miðhúsaá; Steinholt.
4. TAFLA 4. Flatarmál vatnasviða skv. AMS-korti og rennslis hlutföll. Hlutsvæði til virkjunar.
5. Rennslisröð nr. 1: Vhm 47 Miðhúsaá. Mælt rennsli vatnsárin 1950/83, nýr lykll.
6. Rennslisröð nr. 2: Vhm 83 Fjarðará. Reiknað rennsli vatnsárin 1950/57, mælt rennsli 1958/83, nýr lykll.
7. Rennslisröð nr. 3: Miðhúsaá, stíflustæði. 57,2 % af rennsli við vhm 47.
8. Rennslisröð nr. 4: Heiðarvatn. 22,3 % af rennsli við vhm 83.
9. Rennslisröð nr. 5: Vatnshæðará. 19,8 % af rennsli við vhm 83.
10. Rennslisröð nr. 6: Þverá. 14,3 % af rennsli við vhm 83.
11. Rennslisröð nr. 7: Inntakslón sjálft. 7,8 % af rennsli við vhm 83.
12. Rennslisröð nr. 8: Stafðalsá. 9,1 % af rennsli við vhm 83.
13. MYND 1. Úrkoma á Austurlandi [mm/ári] móti hæð yfir sjó.
14. MYND (ónúmeruð). Vhm 47 Miðhúsaá, Steinholt. Vatnasviðshæð.
15. MYND (ónúmeruð). Vhm 83 Fjarðará, Neðri-Stafur. Vatnasviðshæð.

TAFLA 1. Ársúrkoma / meðalúrkoma á veðurstöðvum á Austurlandi [mm].

Ár	Egilsstaðir	Hallormsstaður	Seyðisfjörður	Dalatangi	Teigarhorn
1950	-	1140	-	2336	951
1951	-	790	-	1687	1248
1952	-	557	-	1204	857
1953	-	772	-	1682	1706
1954	-	748	-	1720	1290
1955	423	489	-	1040	910
1956	669	700	-	1073	1160
1957	548	580	-	730	1084
1958	511	546	1270	950	940
1959	569	926	1751	1261	1636
1960	492	608	1764	1296	1150
1961	629	958	-	1515	1458
1962	496	641	1342	1049	920
1963	366	660	1282	1317	1180
1964	382	506	1145	1180	1062
1965	220	304	1023	1272	917
1966	419	543	1257	1308	1029
1967	478	607	1432	1182	836
1968	742	740	1476	1272	1209
1969	420	546	1332	1208	1358
1970	677	768	1709	1494	1069
1971	601	615	1379	1368	1272
1972	831	1198	2437	1651	1482
1973	591	719	1212	1270	1124
1974	872	908	2495	1985	1690
1975	444	502	1146	1008	1126
1976	663	936	1791	1579	1351
1977	507	508	1831	1419	1223
1978	650	816	1933	1481	1386
1979	605	797	1330	1336	1178
1980	476	567	-	1347	1121
1981	663	851	1839	1380	1182
1982	635	919	1804	1446	1513
1983	583	708	1498	1721	1069
1984	612	1068	1569	1290	1453
1985	534	521	1384	1545	964
1986	789	1109	1752	1294	1299
1987	633	716	1435	1341	1247
1950-84	(573)	721	-	1373	1204
1950-87	-	726	-	1375	1201
1951-84	-	709	-	1345	1211
1955-87	568	715	-	1321	1200
1959-84	562	728	(1580)	1371	1231
1958-60, 62-79, 81-87	571	725	1558	1354	1209
1959-60, 62-79, 81-84	563	725	1574	1366	1226

TAFLA 2. Úrkomuhlutföll milli veðurstöðva á Austurlandi.
 Úrkoma á hverri viðmiðunarstöð sett 100, koll af kalli, fyrir hvert tímabil.

Ár	Egilsstaðir	Hallormsstaður	Seyðisfjörður	Dalatangi	Teigarhorn
1955-87	100	126	-	233	211
1959-84	100	127	-	235	214
1958-60, 62-79, 81-87	100	127	273	237	212
1959-60, 62-79, 81-84	100	129	280	243	218
1950-84	-	100	-	190	167
1950-87	-	100	-	189	165
1951-84	-	100	-	190	171
1955-87	79	100	-	185	168
1959-84	77	100	-	188	169
1958-60, 62-79, 81-87	79	100	215	187	167
1959-60, 62-79, 81-84	78	100	217	188	169
1958-60, 62-79, 81-87	37	47	100	87	78
1959-60, 62-79, 81-84	36	46	100	87	78
1950-84	-	53	-	100	88
1950-87	-	53	-	100	88
1951-84	-	53	-	100	90
1955-87	43	53	-	100	91
1959-84	41	53	-	100	90
1958-60, 62-79, 81-87	42	54	115	100	89
1959-60, 62-79, 81-84	41	53	115	100	90
1950-84	-	60	-	114	100
1950-87	-	60	-	115	100
1951-84	-	59	-	111	100
1955-87	47	60	-	110	100
1959-84	46	59	-	111	100
1958-60, 62-79, 81-87	47	60	129	112	100
1959-60, 62-79, 81-84	46	59	128	111	100

TAFLA 3. Flatarmál vatnasviða skv. AMS-korti og rennslislutföll.

Vhm 83 Fjarðará; Neðri-Stafur og vhm 47 Miðhúsaá; Steinholt

Hæðarbil m y.s.	Flatarmál km ² (óleiðrétt)	Flatarmál km ² (leiðrétt)	% af heild í hæðarbili	% rennslis m.v. mitt hæðarbil	Σ yfir m y.s. % flatarmáls
Vhm 83	47,12				
300-400	0,82	0,82	1,73	1,49	100,00
400-500	2,38	2,37	5,04	4,56	98,27
500-600	8,58	8,58	18,21	17,26	93,23
600-700	18,67	18,66	39,61	39,26	75,02
700-800	8,70	8,70	18,46	19,10	35,41
800-900	5,35	5,34	11,34	12,23	16,95
900-1000	2,64	2,64	5,61	6,30	5,61
Summa	47,14				
Vhm 47	22,53				
0-100	0,67	0,67	2,96	1,46	100,00
100-200	0,95	0,95	4,22	2,49	97,04
200-300	1,21	1,21	5,36	3,67	92,82
300-400	1,20	1,20	5,33	4,16	87,46
400-500	1,24	1,24	5,49	4,82	82,13
500-600	4,32	4,32	19,16	18,65	76,64
600-700	7,92	7,92	35,17	37,62	57,48
700-800	2,71	2,71	12,02	14,01	22,30
800-900	2,03	2,03	9,01	11,37	10,28
900-1000	0,29	0,29	1,28	1,74	1,28
Summa	22,52				

TAFLA 4. Flatarmál vatnasviða skv. AMS-korti og rennslislutföll.

Hlutsvæði til virkjunar

Hæðarbil m y.s.	Flatarmál km ² (ólciðrétt)	Flatarmál km ² (lciðrétt)	% af heild í hæðarbili	% vhm-rennslis m.v. mitt hæðarbil	Σ yfir m y.s. % flatarmáls
Miðhúsaá	11,59				
500-600	1,05	1,05	9,10	4,53	100,00
600-700	6,45	6,46	55,78	30,69	90,90
700-800	2,05	2,05	17,74	10,60	35,12
800-900	1,72	1,73	14,90	9,69	17,38
900-1000	0,29	0,29	2,49	1,74	2,49
Summa	11,56			57,25	
Vatnshæðará	9,05				
500-600	0,10	0,10	1,06	0,20	100,00
600-700	3,95	3,97	43,90	8,35	98,94
700-800	2,31	2,33	25,68	5,12	55,04
800-900	1,78	1,79	19,79	4,10	29,36
900-1000	0,86	0,87	9,57	2,07	9,57
Summa	8,99			19,85	
Heiðarvatn	10,68				
500-600	2,45	2,44	22,86	4,91	100,00
600-700	7,46	7,42	69,49	15,61	77,14
700-800	0,82	0,82	7,65	1,80	7,65
Summa	10,74			22,32	
Stafdalsá	4,21				
500-600	0,26	0,26	6,08	0,52	100,00
600-700	1,86	1,85	43,92	3,89	93,92
700-800	1,44	1,43	33,99	3,14	50,00
800-900	0,54	0,54	12,90	1,24	16,01
900-1000	0,13	0,13	3,11	0,31	3,11
Summa	4,22			9,10	
Pverá	6,46				
500-600	0,52	0,51	7,94	1,03	100,00
600-700	1,63	1,62	24,99	3,41	92,06
700-800	1,49	1,48	22,83	3,25	67,07
800-900	1,70	1,68	26,01	3,85	44,23
900-1000	1,19	1,18	18,23	2,81	18,23
Summa	6,52			14,35	
Δ Inntakslón	3,80				
500-600	2,50	2,51	66,14	5,05	100,00
600-700	0,88	0,88	23,20	1,85	33,86
700-800	0,40	0,41	10,66	0,90	10,66
Summa	3,78			7,80	

Rennsli (Gl/2vikum)													Arsrennsli (Gl)	
2.4	1.6	0.5	1.3	4.1	0.4	0.2	0.1	0.1	0.1	0.1	0.6	0.1		
0.1	0.0	0.1	0.1	0.1	1.0	3.3	1.9	6.0	3.6	2.2	1.2	2.1	33.0	1950
2.3	2.7	1.1	0.5	0.5	0.6	0.2	0.5	0.2	0.1	0.4	0.1	0.2		
0.2	0.2	0.1	0.5	0.6	2.4	2.7	1.4	3.9	3.7	3.5	1.0	1.1	30.7	1951
1.0	0.4	0.4	2.9	0.8	0.3	0.2	0.3	0.5	0.1	0.1	0.2	0.1		
0.3	0.6	0.1	0.2	0.6	0.7	2.5	5.1	3.1	1.0	0.8	0.7	0.8	23.7	1952
0.6	2.6	0.9	0.8	2.8	2.0	0.9	3.1	0.4	0.2	0.3	0.1	0.7		
0.1	0.4	1.0	0.4	0.4	3.4	5.4	1.4	1.3	1.3	0.8	0.9	0.6	32.6	1953
1.8	0.8	0.6	0.2	0.3	0.6	1.6	0.3	0.2	0.2	0.1	0.1	0.2		
0.1	0.0	0.2	1.2	0.7	0.3	5.1	2.8	3.2	2.2	0.9	0.3	0.3	24.5	1954
0.2	0.6	0.2	0.2	0.2	0.6	0.3	0.1	0.1	0.1	0.7	1.3	0.2		
0.6	1.0	0.8	0.4	0.3	1.2	4.7	4.4	1.9	1.0	1.1	0.6	0.3	23.4	1955
0.1	0.5	0.3	0.4	2.6	1.8	0.2	0.2	0.6	0.2	0.2	0.2	0.0		
0.0	0.3	1.0	0.6	0.8	1.0	4.4	2.8	2.7	1.3	0.8	0.5	0.3	23.9	1956
0.6	0.6	0.6	0.3	0.2	0.3	0.7	0.4	0.1	0.0	0.4	0.1	0.0		
0.0	0.0	0.6	0.7	0.3	0.1	0.5	3.4	3.5	1.7	0.6	0.4	0.7	17.0	1957
0.5	0.3	1.8	0.6	0.6	0.5	0.3	0.0	0.3	0.1	0.2	1.0	0.8		
0.8	1.0	0.5	0.2	0.6	4.3	2.4	1.2	1.3	0.6	0.3	0.6	0.7	21.8	1958
0.2	0.8	0.4	1.7	0.3	0.4	1.9	1.2	0.3	0.5	0.1	0.5	0.1		
0.3	0.6	0.4	0.5	1.3	4.1	4.0	3.1	2.4	0.8	1.4	0.6	0.4	28.3	1959
0.4	0.1	0.2	0.3	0.2	2.9	0.4	0.5	0.3	0.3	0.4	0.2	0.7		
0.7	0.3	0.1	0.3	1.4	4.2	3.4	2.6	1.6	1.5	1.1	0.7	1.4	26.2	1960
1.6	2.7	1.3	2.9	0.6	1.2	0.3	1.2	0.2	0.2	0.2	0.1	0.1		
0.1	0.1	0.0	0.9	1.4	1.0	4.1	4.5	3.1	2.2	1.1	0.5	0.7	32.1	1961
0.7	0.5	1.7	0.2	0.1	0.2	0.1	0.4	0.4	0.1	0.0	0.0	0.1		
0.4	0.5	0.2	0.7	0.8	1.0	4.9	3.2	2.0	0.9	1.3	0.4	0.3	21.4	1962
0.2	0.2	0.6	0.7	1.1	0.1	0.8	0.1	0.2	0.5	0.5	0.4	0.3		
0.4	2.4	0.5	0.2	0.8	2.7	1.1	1.3	1.4	0.9	0.6	0.6	1.4	19.9	1963
0.8	0.9	1.1	0.4	0.3	0.3	0.1	0.1	0.1	0.0	0.1	0.2	0.2		
0.2	0.1	0.2	0.3	0.5	0.7	5.4	2.2	1.5	0.9	0.4	0.3	0.3	17.7	1964
0.5	0.3	0.5	0.5	0.6	0.2	0.1	0.6	0.2	0.8	0.1	0.0	0.0		
0.0	0.0	0.1	0.1	0.2	0.9	3.3	7.5	3.7	2.5	1.1	1.3	0.8	26.1	1965
1.5	0.4	0.2	0.3	0.3	0.7	0.2	0.1	0.0	0.2	0.4	0.2	0.4		
0.1	0.0	0.1	0.7	0.5	0.5	1.4	6.5	3.2	3.1	1.5	1.1	1.2	24.8	1966
0.5	0.5	0.4	0.5	0.3	0.3	0.4	0.4	0.1	0.1	0.1	0.1	0.2		
0.2	0.1	0.1	0.9	0.4	0.3	5.0	3.8	1.7	1.7	1.1	0.4	1.6	21.1	1967
1.0	0.7	0.4	1.1	0.8	5.1	0.4	0.8	0.2	0.1	0.2	0.1	0.1		
0.1	0.3	0.2	0.4	0.2	0.5	3.8	5.2	2.9	1.8	2.4	0.9	0.3	30.0	1968
0.2	0.1	0.6	0.6	0.2	0.1	0.1	0.4	0.3	0.4	1.3	0.4	0.2		
0.1	0.1	0.1	0.1	0.7	2.8	3.4	6.3	2.9	1.8	1.0	0.8	0.5	25.5	1969
1.0	3.0	0.7	1.8	0.2	0.1	0.2	1.0	0.3	0.2	0.1	0.1	0.7		
0.5	0.2	0.2	0.4	1.1	2.4	3.7	1.5	1.9	2.2	0.9	0.4	0.4	25.3	1970
1.4	0.5	1.3	0.9	1.2	0.4	0.6	0.6	0.1	1.5	0.7	0.2	0.8		
0.6	0.6	0.2	0.4	1.2	4.1	4.5	4.0	3.4	3.0	1.2	0.8	0.7	34.9	1971
0.5	0.6	0.4	0.2	1.7	0.2	0.3	0.7	2.4	1.3	0.9	0.1	0.0		
0.1	0.5	0.2	0.6	0.4	0.7	1.8	3.2	6.4	4.4	1.4	1.1	1.6	31.7	1972
1.2	0.4	0.4	0.3	0.5	0.2	0.1	0.0	0.0	0.8	0.2	0.1	0.8		
0.5	0.3	2.5	2.6	2.1	6.1	4.3	4.7	2.4	1.7	1.5	0.9	2.5	37.2	1973
1.5	0.9	0.3	1.3	1.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.2		
0.2	0.1	0.1	0.3	0.5	1.1	4.1	4.1	7.5	3.9	2.9	1.6	0.4	33.3	1974
0.2	0.2	1.2	1.9	0.9	0.3	0.2	0.1	0.2	0.1	0.0	0.6	1.9		
1.4	0.7	0.1	0.7	0.8	2.0	5.9	3.1	1.5	0.8	0.5	0.3	0.2	25.5	1975
0.1	0.1	0.8	4.7	2.4	1.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.6	5.0	5.6	5.9	3.7	1.2	0.9	0.4	33.0	1976
0.4	0.3	0.5	2.8	0.6	0.1	0.5	0.7	0.2	0.1	0.4	0.2	0.0		
0.0	0.0	0.2	0.2	0.5	2.9	4.3	4.8	2.7	2.5	2.3	1.0	1.3	29.6	1977
1.5	1.1	0.6	0.3	0.5	0.2	1.2	2.2	0.1	0.1	0.1	0.1	0.8		
0.1	0.1	0.1	0.4	0.2	0.1	1.2	7.8	5.4	3.2	1.6	1.2	1.1	31.2	1978
1.4	0.4	1.7	1.8	0.8	0.2	0.1	0.5	0.1	0.4	0.2	0.1	0.2		
0.2	0.2	0.3	0.4	1.2	6.3	3.6	4.3	2.4	1.5	0.8	0.7	0.4	30.2	1979
0.5	1.2	0.7	0.2	1.7	0.3	0.1	0.1	0.1	0.0	0.2	0.1	0.8		
0.2	0.1	0.7	0.9	0.4	2.8	2.2	2.7	3.9	2.7	2.5	1.3	1.0	27.3	1980
1.6	2.4	0.3	0.2	0.6	0.4	0.5	0.2	0.2	0.2	0.1	0.5	0.5		
0.4	0.3	0.2	0.7	0.7	2.9	3.0	4.3	4.0	3.6	2.8	1.1	1.4	33.1	1981
0.8	0.9	1.6	1.2	1.5	0.3	0.1	0.1	0.2	0.1	1.2	0.1	0.4		
0.6	0.3	0.1	0.1	0.1	0.2	0.8	4.9	6.8	3.4	2.2	1.3	0.6	29.8	1982
0.3	0.9	0.4	0.3	0.3	0.2	0.4	0.2	0.2	0.1	0.2	0.3	0.9		
0.4	0.3	0.3	0.3	1.9	3.4	6.5	4.6	2.4	1.5	0.7	0.4	0.4	27.7	1983
Medalrennsli (Gl/2vikum)													MQ (Gl/ari)	
0.9	0.9	0.7	1.0	0.9	0.7	0.4	0.5	0.3	0.3	0.3	0.2	0.4		
0.3	0.3	0.3	0.5	0.7	2.0	3.6	3.8	3.2	2.1	1.4	0.8	0.8	27.5	

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Rennsli (Gl/2vikum)													Ársrennsli (Gl)	
7.2	5.3	1.9	3.8	11.0	2.7	0.7	0.4	0.2	0.2	0.3	1.8	0.8		
0.3	0.1	0.0	0.2	1.1	4.4	11.0	8.5	19.0	14.8	10.0	6.1	7.3	118.3	1950
7.5	8.5	5.6	2.6	2.0	1.9	0.6	1.4	0.7	0.5	1.4	0.8	1.3		
0.8	0.7	0.2	1.6	2.0	7.9	9.0	7.0	13.3	13.2	13.3	6.0	4.7	114.6	1951
4.3	1.8	1.4	7.9	3.5	1.8	0.9	0.7	1.4	0.7	0.7	1.0	0.8		
1.7	2.3	0.6	0.8	2.3	3.1	8.9	16.6	14.1	7.8	5.6	5.2	4.0	99.9	1952
3.5	7.7	3.8	3.3	7.3	6.4	3.5	8.7	2.7	1.3	1.3	0.9	2.2		
0.8	1.3	2.8	2.2	1.7	10.6	17.3	9.0	7.3	7.3	5.2	4.5	3.8	126.6	1953
5.3	2.7	2.0	0.8	0.7	1.9	4.4	1.5	1.0	0.7	0.6	0.5	0.8		
0.6	0.2	1.2	3.7	2.5	2.2	15.0	11.7	12.4	11.1	7.6	4.7	3.6	99.6	1954
2.2	2.5	1.0	0.7	0.7	2.2	1.2	0.3	0.5	0.4	2.1	4.1	1.3		
2.3	3.3	2.7	1.6	1.7	4.7	13.7	15.6	10.1	7.4	6.1	4.3	2.1	94.9	1955
1.7	2.4	1.5	1.4	7.4	6.5	1.7	0.7	2.0	1.3	0.8	0.5	0.4		
0.2	1.0	3.0	2.6	3.0	4.1	13.4	11.6	11.2	7.6	5.8	4.3	2.7	98.8	1956
2.4	2.1	2.3	1.1	0.6	1.2	2.2	1.2	0.5	0.3	1.5	0.7	0.4		
0.2	0.2	1.9	2.4	1.5	1.0	3.6	11.4	13.0	9.2	4.7	3.2	3.4	72.2	1957
2.1	0.9	9.7	2.9	1.7	2.5	1.0	1.5	2.4	1.0	0.7	2.9	3.0		
3.8	3.5	1.6	0.9	3.0	15.9	12.2	7.1	8.7	4.3	2.5	3.4	2.8	102.1	1958
0.7	4.0	1.9	5.1	1.9	2.4	7.8	3.5	1.3	2.0	0.7	4.5	1.0		
1.9	2.9	1.2	2.0	6.1	13.6	14.9	13.0	15.2	6.5	10.0	3.0	1.8	128.9	1959
2.5	1.0	1.8	2.1	1.2	9.4	1.0	2.8	1.5	2.3	1.3	0.9	5.2		
3.6	1.1	0.8	2.7	5.9	13.8	12.8	13.8	11.0	11.2	8.0	4.7	8.6	130.9	1960
8.3	9.1	6.7	8.9	1.4	0.9	0.5	1.0	0.6	0.6	0.4	0.4	0.6		
0.5	0.5	0.8	3.9	4.6	3.5	12.7	13.0	9.5	7.9	6.1	3.2	4.6	110.2	1961
5.5	3.4	8.0	1.4	1.4	2.7	1.3	1.8	1.4	0.8	0.4	0.4	0.6		
1.8	1.6	0.7	1.5	2.4	4.1	16.8	15.0	11.8	4.9	7.2	2.3	1.7	100.7	1962
1.4	1.2	2.9	3.0	4.2	0.4	3.0	0.7	1.4	1.2	1.7	1.4	1.4		
2.1	8.9	2.2	0.6	2.9	8.9	5.3	6.4	8.9	5.0	3.4	2.0	4.8	85.4	1963
2.6	3.0	3.0	1.2	1.3	0.9	0.7	0.5	0.6	0.6	0.4	4.0	1.1		
0.6	0.4	0.6	0.5	0.8	1.2	14.7	9.7	9.5	7.7	3.0	2.1	2.7	73.5	1964
2.0	1.5	1.4	2.1	1.5	0.9	0.4	2.6	1.3	1.3	0.3	0.2	0.2		
0.2	0.2	0.1	0.2	0.3	4.8	11.7	21.4	14.2	11.5	6.4	5.6	3.6	95.6	1965
5.9	2.5	1.2	1.0	0.9	2.0	0.8	0.3	0.2	1.3	0.7	0.4	0.6		
0.3	0.3	0.3	3.3	0.8	1.2	5.2	19.1	11.3	13.8	7.7	5.6	6.8	93.4	1966
2.7	3.3	1.8	1.2	0.8	1.8	1.5	2.0	0.7	0.5	0.4	0.3	0.8		
1.0	0.4	0.2	1.8	0.9	0.9	14.8	13.3	7.1	10.4	8.4	2.7	4.2	84.0	1967
4.4	3.1	1.3	3.9	3.3	14.4	1.4	2.1	0.5	0.3	0.4	0.4	0.4		
0.4	0.5	0.6	1.4	0.5	2.1	12.5	17.7	15.5	9.7	12.2	6.9	1.7	117.2	1968
1.1	0.6	2.9	3.2	0.8	0.6	0.3	0.9	0.8	0.6	4.1	0.9	0.4		
0.4	0.5	0.4	0.4	4.3	10.0	10.8	20.3	14.4	7.8	6.6	4.7	2.9	100.9	1969
3.2	9.0	2.5	4.1	0.6	0.4	1.0	4.6	0.7	1.3	0.6	0.6	3.9		
1.3	0.6	0.7	1.3	4.0	7.3	12.0	7.5	10.0	11.2	4.6	2.3	2.0	97.4	1970
5.4	1.8	2.8	2.7	4.5	2.0	1.4	1.0	0.5	5.8	1.6	0.5	2.5		
1.7	2.0	1.0	2.1	3.8	14.2	15.0	14.1	15.7	13.4	7.7	3.9	3.7	130.7	1971
2.3	3.7	1.9	0.9	4.6	0.4	0.8	3.7	10.1	4.1	2.0	0.6	1.0		
0.8	1.1	1.7	1.8	0.8	2.1	5.7	11.1	17.4	16.9	9.4	6.3	5.3	116.6	1972
4.9	2.7	2.5	0.7	1.6	0.8	0.5	0.4	0.5	1.2	0.5	0.6	1.4		
1.9	1.2	9.8	7.4	5.2	15.8	14.4	14.5	9.8	7.8	6.9	4.7	6.1	123.8	1973
4.6	2.7	0.9	3.4	3.7	1.0	0.7	0.4	0.5	0.4	0.4	0.4	0.7		
0.7	0.5	0.5	0.7	2.1	3.0	9.0	9.9	19.2	14.7	11.3	7.1	3.5	102.0	1974
1.0	0.8	2.8	3.8	2.5	1.4	0.7	0.5	0.7	0.4	0.4	4.0	7.2		
4.7	2.2	0.9	2.9	2.0	6.4	17.9	14.6	9.3	5.2	2.6	1.5	1.2	97.4	1975
0.3	1.2	4.1	14.0	7.1	4.5	1.0	0.5	0.6	0.6	0.6	0.5	0.5		
0.6	0.5	0.4	0.3	0.3	2.8	15.3	16.1	18.3	19.6	10.8	7.0	3.2	130.6	1976
2.0	2.3	1.6	9.6	2.3	0.8	2.7	1.8	0.6	0.4	2.2	0.5	0.3		
0.3	0.3	0.5	0.2	3.6	8.6	12.9	15.5	12.7	14.1	13.1	8.3	7.8	125.1	1977
4.4	4.1	2.6	1.9	2.2	1.0	4.0	6.1	1.1	0.8	0.8	0.8	1.3		
0.7	0.5	0.5	1.0	0.9	0.6	5.6	18.3	14.5	12.8	9.7	7.8	4.1	107.9	1978
4.7	1.4	6.3	6.4	3.7	1.0	0.7	2.0	1.3	1.3	0.7	0.6	1.0		
0.7	1.3	1.7	1.9	4.5	15.2	10.7	16.1	11.0	7.8	6.4	5.0	2.7	116.3	1979
3.2	6.0	3.1	1.1	4.6	1.1	0.8	0.5	0.5	0.5	0.8	0.7	1.4		
1.1	0.7	1.6	2.4	1.0	7.8	7.6	8.9	14.3	11.8	10.8	7.9	5.8	106.1	1980
6.0	9.9	1.5	1.2	1.7	1.7	2.5	1.4	0.9	0.7	0.7	1.6	1.4		
1.4	1.0	1.0	2.3	2.5	8.1	8.4	13.2	15.3	17.1	17.1	8.5	7.3	134.1	1981
3.5	3.6	6.7	4.3	4.9	1.2	0.7	0.6	0.7	0.5	1.7	0.8	1.1		
2.0	0.8	0.5	0.5	0.6	1.1	3.2	12.2	18.6	12.8	10.2	7.2	3.8	103.5	1982
1.1	3.5	1.3	0.9	0.8	1.1	1.7	1.0	0.6	0.4	0.5	0.7	1.4		
0.7	0.5	0.9	1.3	5.1	8.9	15.6	16.1	11.5	8.8	4.6	2.8	2.1	94.1	1983

Medalrennsli (Gl/2vikum)

HQ (Gl/ari)

3.5	3.5	3.0	3.3	2.9	2.4	1.6	1.7	1.2	1.1	1.0	1.2	1.4		
1.2	1.3	1.3	1.8	2.5	6.5	11.5	13.2	12.8	10.4	7.8	4.8	4.0	106.9	

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Rennsli (G1/2vikum)													Arsrennsli (G1)	
1.4	0.9	0.3	0.7	2.4	0.2	0.1	0.1	0.0	0.0	0.0	0.4	0.0		
0.0	0.0	0.0	0.0	0.1	0.6	1.9	1.1	3.4	2.1	1.3	0.7	1.2	18.9	1950
1.3	1.5	0.6	0.3	0.3	0.4	0.1	0.3	0.1	0.1	0.2	0.1	0.1		
0.1	0.1	0.0	0.3	0.3	1.4	1.6	0.8	2.3	2.1	2.0	0.6	0.6	17.5	1951
0.6	0.2	0.2	1.7	0.5	0.2	0.1	0.1	0.3	0.1	0.1	0.1	0.1		
0.2	0.3	0.1	0.1	0.3	0.4	1.4	2.9	1.8	0.6	0.5	0.4	0.4	13.6	1952
0.4	1.5	0.5	0.4	1.6	1.1	0.5	1.8	0.2	0.1	0.1	0.1	0.4		
0.1	0.2	0.6	0.3	0.2	2.0	3.1	0.8	0.8	0.7	0.4	0.5	0.3	18.7	1953
1.0	0.5	0.3	0.1	0.1	0.4	0.9	0.2	0.1	0.1	0.1	0.0	0.1		
0.0	0.0	0.1	0.7	0.4	0.2	2.9	1.6	1.8	1.3	0.5	0.2	0.2	14.0	1954
0.1	0.3	0.1	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.4	0.7	0.1		
0.3	0.6	0.5	0.2	0.2	0.7	2.7	2.5	1.1	0.6	0.6	0.4	0.2	13.4	1955
0.1	0.3	0.2	0.2	1.5	1.0	0.1	0.1	0.4	0.1	0.1	0.0	0.0		
0.0	0.2	0.6	0.4	0.5	0.6	2.5	1.6	1.5	0.7	0.5	0.3	0.2	13.7	1956
0.3	0.4	0.3	0.2	0.1	0.2	0.4	0.2	0.1	0.0	0.2	0.0	0.0		
0.0	0.0	0.4	0.4	0.2	0.1	0.3	2.0	2.0	1.0	0.3	0.3	0.4	9.7	1957
0.3	0.2	1.1	0.4	0.4	0.3	0.1	0.0	0.2	0.1	0.1	0.6	0.4		
0.5	0.5	0.3	0.1	0.4	2.5	1.4	0.7	0.7	0.3	0.2	0.3	0.4	12.5	1958
0.1	0.4	0.2	1.0	0.2	0.2	1.1	0.7	0.2	0.3	0.1	0.3	0.1		
0.2	0.3	0.2	0.3	0.8	2.3	2.3	1.8	1.4	0.4	0.8	0.3	0.2	16.2	1959
0.2	0.1	0.1	0.2	0.1	1.7	0.2	0.3	0.2	0.2	0.2	0.1	0.4		
0.4	0.1	0.1	0.2	0.8	2.4	1.9	1.5	0.9	0.9	0.6	0.4	0.8	15.0	1960
0.9	1.5	0.7	1.7	0.3	0.7	0.2	0.7	0.1	0.1	0.1	0.1	0.1		
0.0	0.0	0.0	0.5	0.8	0.6	2.4	2.6	1.8	1.3	0.6	0.3	0.4	18.4	1961
0.4	0.3	1.0	0.1	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.1		
0.2	0.3	0.1	0.4	0.5	0.6	2.8	1.9	1.2	0.5	0.8	0.2	0.1	12.3	1962
0.1	0.1	0.3	0.4	0.6	0.1	0.5	0.1	0.1	0.3	0.3	0.2	0.2		
0.3	1.4	0.3	0.1	0.4	1.5	0.6	0.7	0.8	0.5	0.3	0.3	0.8	11.4	1963
0.5	0.5	0.6	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1		
0.1	0.1	0.1	0.2	0.3	0.4	3.1	1.3	0.9	0.5	0.2	0.1	0.2	10.1	1964
0.3	0.2	0.3	0.3	0.3	0.1	0.0	0.4	0.1	0.5	0.1	0.0	0.0		
0.0	0.0	0.0	0.1	0.1	0.5	1.9	4.3	2.1	1.4	0.6	0.8	0.5	14.9	1965
0.8	0.2	0.1	0.2	0.2	0.4	0.1	0.0	0.0	0.1	0.2	0.1	0.2		
0.0	0.0	0.0	0.4	0.3	0.3	0.8	3.7	1.8	1.8	0.8	0.6	0.7	14.2	1966
0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.1		
0.1	0.0	0.0	0.5	0.2	0.2	2.8	2.2	1.0	1.0	0.6	0.2	0.9	12.1	1967
0.6	0.4	0.2	0.6	0.5	2.9	0.2	0.5	0.1	0.0	0.1	0.0	0.1		
0.0	0.2	0.1	0.2	0.1	0.3	2.2	3.0	1.7	1.0	1.4	0.5	0.2	17.2	1968
0.1	0.1	0.4	0.4	0.1	0.1	0.0	0.2	0.2	0.2	0.7	0.2	0.1		
0.1	0.1	0.0	0.0	0.4	1.6	2.0	3.6	1.7	1.0	0.6	0.4	0.3	14.6	1969
0.6	1.7	0.4	1.0	0.1	0.1	0.1	0.6	0.2	0.1	0.1	0.1	0.4		
0.3	0.1	0.1	0.2	0.6	1.4	2.1	0.9	1.1	1.3	0.5	0.2	0.2	14.5	1970
0.8	0.3	0.7	0.5	0.7	0.2	0.3	0.4	0.1	0.8	0.4	0.1	0.5		
0.4	0.3	0.1	0.2	0.7	2.3	2.6	2.3	2.0	1.7	0.7	0.5	0.4	20.0	1971
0.3	0.4	0.3	0.1	0.9	0.1	0.2	0.4	1.4	0.7	0.5	0.1	0.0		
0.1	0.3	0.1	0.3	0.2	0.4	1.0	1.8	3.6	2.5	0.8	0.6	0.9	18.2	1972
0.7	0.2	0.2	0.2	0.3	0.1	0.1	0.0	0.0	0.4	0.1	0.1	0.5		
0.3	0.2	1.5	1.5	1.2	3.5	2.5	2.7	1.4	0.9	0.9	0.5	1.4	21.3	1973
0.8	0.5	0.2	0.7	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1		
0.1	0.1	0.1	0.2	0.3	0.6	2.4	2.4	4.3	2.2	1.6	0.9	0.2	19.1	1974
0.1	0.1	0.7	1.1	0.5	0.2	0.1	0.1	0.1	0.0	0.0	0.4	1.1		
0.8	0.4	0.1	0.4	0.4	1.2	3.4	1.8	0.9	0.4	0.3	0.1	0.1	14.6	1975
0.0	0.1	0.5	2.7	1.4	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.3	2.9	3.2	3.4	2.1	0.7	0.5	0.2	18.9	1976
0.2	0.2	0.3	1.6	0.4	0.1	0.3	0.4	0.1	0.1	0.2	0.1	0.0		
0.0	0.0	0.1	0.1	0.3	1.7	2.5	2.7	1.6	1.4	1.3	0.6	0.7	17.0	1977
0.9	0.6	0.3	0.2	0.3	0.1	0.7	1.2	0.1	0.1	0.1	0.0	0.4		
0.1	0.0	0.0	0.2	0.1	0.0	0.7	4.4	3.1	1.8	0.9	0.7	0.6	17.8	1978
0.8	0.2	1.0	1.1	0.5	0.1	0.1	0.3	0.1	0.2	0.1	0.1	0.1		
0.1	0.1	0.2	0.2	0.7	3.6	2.0	2.5	1.4	0.8	0.5	0.4	0.2	17.3	1979
0.3	0.7	0.4	0.1	1.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.4		
0.1	0.1	0.4	0.5	0.2	1.6	1.2	1.6	2.2	1.6	1.4	0.8	0.6	15.6	1980
0.9	1.4	0.2	0.1	0.3	0.2	0.3	0.1	0.1	0.1	0.1	0.3	0.3		
0.2	0.2	0.1	0.4	0.4	1.6	1.7	2.5	2.3	2.1	1.6	0.6	0.8	18.9	1981
0.4	0.5	0.9	0.7	0.9	0.2	0.1	0.1	0.1	0.0	0.7	0.0	0.2		
0.3	0.2	0.1	0.1	0.1	0.1	0.5	2.8	3.9	2.0	1.3	0.7	0.4	17.0	1982
0.2	0.5	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.5		
0.2	0.1	0.2	0.2	1.1	1.9	3.7	2.6	1.4	0.8	0.4	0.2	0.3	15.8	1983

Medalrennsli (G1/2vikum)													MQ (G1/ari)	
0.5	0.5	0.4	0.6	0.5	0.4	0.2	0.3	0.2	0.2	0.2	0.1	0.2		
0.2	0.2	0.2	0.3	0.4	1.2	2.1	2.2	1.9	1.2	0.8	0.4	0.5	15.7	

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Rennsli (Gl/2vikum)													Arsrennsli (Gl)	
1.6	1.2	0.4	0.8	2.4	0.6	0.2	0.1	0.0	0.0	0.1	0.4	0.2		
0.1	0.0	0.0	0.0	0.2	1.0	2.4	1.9	4.2	3.3	2.2	1.4	1.6	26.5	1950
1.7	1.9	1.2	0.6	0.5	0.4	0.1	0.3	0.2	0.1	0.3	0.2	0.3		
0.2	0.1	0.0	0.4	0.4	1.8	2.0	1.6	3.0	2.9	3.0	1.3	1.0	25.5	1951
1.0	0.4	0.3	1.8	0.8	0.4	0.2	0.2	0.3	0.2	0.2	0.2	0.2		
0.4	0.5	0.1	0.2	0.5	0.7	2.0	3.7	3.1	1.7	1.3	1.2	0.9	22.3	1952
0.8	1.7	0.8	0.7	1.6	1.4	0.8	2.0	0.6	0.3	0.3	0.2	0.5		
0.2	0.3	0.6	0.5	0.4	2.4	3.9	2.0	1.6	1.6	1.2	1.0	0.9	28.2	1953
1.2	0.6	0.5	0.2	0.2	0.4	1.0	0.3	0.2	0.2	0.1	0.1	0.2		
0.1	0.0	0.3	0.8	0.6	0.5	3.3	2.6	2.8	2.5	1.7	1.0	0.8	22.2	1954
0.5	0.5	0.2	0.2	0.2	0.5	0.3	0.1	0.1	0.1	0.5	0.9	0.3		
0.5	0.7	0.6	0.4	0.4	1.0	3.1	3.5	2.3	1.7	1.4	1.0	0.5	21.2	1955
0.4	0.5	0.3	0.3	1.7	1.4	0.4	0.2	0.4	0.3	0.2	0.1	0.1		
0.1	0.2	0.7	0.6	0.7	0.9	3.0	2.6	2.5	1.7	1.3	1.0	0.6	22.0	1956
0.5	0.5	0.5	0.2	0.1	0.3	0.5	0.3	0.1	0.1	0.3	0.2	0.1		
0.0	0.0	0.4	0.5	0.3	0.2	0.8	2.5	2.9	2.1	1.1	0.7	0.8	16.1	1957
0.5	0.2	2.2	0.7	0.4	0.5	0.2	0.3	0.5	0.2	0.2	0.7	0.7		
0.9	0.8	0.4	0.2	0.7	3.5	2.7	1.6	1.9	1.0	0.6	0.8	0.6	22.8	1958
0.2	0.9	0.4	1.1	0.4	0.5	1.7	0.8	0.3	0.4	0.2	1.0	0.2		
0.4	0.7	0.3	0.4	1.4	3.0	3.3	2.9	3.4	1.5	2.2	0.7	0.4	28.7	1959
0.6	0.2	0.4	0.5	0.3	2.1	0.2	0.6	0.3	0.5	0.3	0.2	1.2		
0.8	0.2	0.2	0.6	1.3	3.1	2.8	3.1	2.5	2.5	1.8	1.1	1.9	29.2	1960
1.9	2.0	1.5	2.0	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.2	0.9	1.0	0.8	2.8	2.9	2.1	1.8	1.4	0.7	1.0	24.6	1961
1.2	0.8	1.8	0.3	0.3	0.6	0.3	0.4	0.3	0.2	0.1	0.1	0.1		
0.4	0.3	0.2	0.3	0.5	0.9	3.7	3.3	2.6	1.1	1.6	0.5	0.4	22.5	1962
0.3	0.3	0.6	0.7	0.9	0.1	0.7	0.2	0.3	0.3	0.4	0.3	0.3		
0.5	2.0	0.5	0.1	0.6	2.0	1.2	1.4	2.0	1.1	0.8	0.4	1.1	19.0	1963
0.6	0.7	0.7	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.9	0.2		
0.1	0.1	0.1	0.1	0.2	0.3	3.3	2.2	2.1	1.7	0.7	0.5	0.6	16.4	1964
0.4	0.3	0.3	0.5	0.3	0.2	0.1	0.6	0.3	0.3	0.1	0.0	0.0		
0.0	0.0	0.0	0.0	0.1	1.1	2.6	4.8	3.2	2.6	1.4	1.2	0.8	21.3	1965
1.3	0.6	0.3	0.2	0.2	0.4	0.2	0.1	0.0	0.3	0.1	0.1	0.1		
0.1	0.1	0.1	0.7	0.2	0.3	1.2	4.3	2.5	3.1	1.7	1.2	1.5	20.8	1966
0.6	0.7	0.4	0.3	0.2	0.4	0.3	0.5	0.2	0.1	0.1	0.1	0.2		
0.2	0.1	0.0	0.4	0.2	0.2	3.3	3.0	1.6	2.3	1.9	0.6	0.9	18.7	1967
1.0	0.7	0.3	0.9	0.7	3.2	0.3	0.5	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.3	0.1	0.5	2.8	3.9	3.5	2.2	2.7	1.5	0.4	26.1	1968
0.2	0.1	0.6	0.7	0.2	0.1	0.1	0.2	0.2	0.1	0.9	0.2	0.1		
0.1	0.1	0.1	0.1	1.0	2.2	2.4	4.5	3.2	1.7	1.5	1.0	0.7	22.5	1969
0.7	2.0	0.6	0.9	0.1	0.1	0.2	1.0	0.2	0.3	0.1	0.1	0.9		
0.3	0.1	0.1	0.3	0.9	1.6	2.7	1.7	2.2	2.5	1.0	0.5	0.5	21.7	1970
1.2	0.4	0.6	0.6	1.0	0.4	0.3	0.2	0.1	1.3	0.4	0.1	0.6		
0.4	0.4	0.2	0.5	0.8	3.2	3.4	3.1	3.5	3.0	1.7	0.9	0.8	29.2	1971
0.5	0.8	0.4	0.2	1.0	0.1	0.2	0.8	2.2	0.9	0.4	0.1	0.2		
0.2	0.2	0.4	0.4	0.2	0.5	1.3	2.5	3.9	3.8	2.1	1.4	1.2	26.0	1972
1.1	0.6	0.6	0.2	0.4	0.2	0.1	0.1	0.1	0.3	0.1	0.1	0.3		
0.4	0.3	2.2	1.7	1.2	3.5	3.2	3.2	2.2	1.7	1.5	1.1	1.4	27.6	1973
1.0	0.6	0.2	0.8	0.8	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.2	0.1	0.1	0.2	0.5	0.7	2.0	2.2	4.3	3.3	2.5	1.6	0.8	22.8	1974
0.2	0.2	0.6	0.8	0.6	0.3	0.1	0.1	0.2	0.1	0.1	0.9	1.6		
1.0	0.5	0.2	0.6	0.4	1.4	4.0	3.2	2.1	1.2	0.6	0.3	0.3	21.7	1975
0.1	0.3	0.9	3.1	1.6	1.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.1	0.1	0.6	3.4	3.6	4.1	4.4	2.4	1.6	0.7	29.1	1976
0.4	0.5	0.4	2.1	0.5	0.2	0.6	0.4	0.1	0.1	0.5	0.1	0.1		
0.1	0.1	0.1	0.1	0.8	1.9	2.9	3.4	2.8	3.1	2.9	1.8	1.7	27.9	1977
1.0	0.9	0.6	0.4	0.5	0.2	0.9	1.4	0.3	0.2	0.2	0.2	0.3		
0.2	0.1	0.1	0.2	0.2	0.1	1.2	4.1	3.2	2.9	2.2	1.7	0.9	24.1	1978
1.0	0.3	1.4	1.4	0.8	0.2	0.1	0.5	0.3	0.3	0.2	0.1	0.2		
0.2	0.3	0.4	0.4	1.0	3.4	2.4	3.6	2.5	1.7	1.4	1.1	0.6	25.9	1979
0.7	1.3	0.7	0.2	1.0	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.3		
0.2	0.1	0.4	0.5	0.2	1.7	1.7	2.0	3.2	2.6	2.4	1.8	1.3	23.7	1980
1.3	2.2	0.3	0.3	0.4	0.4	0.6	0.3	0.2	0.2	0.1	0.4	0.3		
0.3	0.2	0.2	0.5	0.6	1.8	1.9	2.9	3.4	3.8	3.8	1.9	1.6	29.9	1981
0.8	0.8	1.5	1.0	1.1	0.3	0.1	0.1	0.2	0.1	0.4	0.2	0.2		
0.4	0.2	0.1	0.1	0.1	0.2	0.7	2.7	4.2	2.8	2.3	1.6	0.9	23.1	1982
0.2	0.8	0.3	0.2	0.2	0.2	0.4	0.2	0.1	0.1	0.1	0.2	0.3		
0.2	0.1	0.2	0.3	1.1	2.0	3.5	3.6	2.6	2.0	1.0	0.6	0.5	21.0	1983
Medalrennsli (Gl/2vikum)													MQ (Gl/ari)	
0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.3		
0.3	0.3	0.3	0.4	0.6	1.4	2.6	2.9	2.9	2.3	1.7	1.1	0.9	23.8	

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Rennsli (6l/2vikum)													Arsrennsli (6l)	
1.4	1.1	0.4	0.7	2.2	0.5	0.1	0.1	0.0	0.0	0.1	0.4	0.2		
0.1	0.0	0.0	0.0	0.2	0.9	2.2	1.7	3.8	2.9	2.0	1.2	1.4	23.5	1950
1.5	1.7	1.1	0.5	0.4	0.4	0.1	0.3	0.1	0.1	0.3	0.2	0.3		
0.2	0.1	0.0	0.3	0.4	1.6	1.8	1.4	2.6	2.6	2.6	1.2	0.9	22.7	1951
0.9	0.4	0.3	1.6	0.7	0.3	0.2	0.1	0.3	0.1	0.1	0.2	0.2		
0.3	0.4	0.1	0.1	0.5	0.6	1.8	3.3	2.8	1.5	1.1	1.0	0.8	19.8	1952
0.7	1.5	0.7	0.6	1.5	1.3	0.7	1.7	0.5	0.2	0.3	0.2	0.4		
0.2	0.3	0.6	0.4	0.3	2.1	3.4	1.8	1.5	1.4	1.0	0.9	0.8	25.1	1953
1.1	0.5	0.4	0.2	0.1	0.4	0.9	0.3	0.2	0.1	0.1	0.1	0.2		
0.1	0.0	0.2	0.7	0.5	0.4	3.0	2.3	2.4	2.2	1.5	0.9	0.7	19.7	1954
0.4	0.5	0.2	0.1	0.1	0.4	0.2	0.1	0.1	0.1	0.4	0.8	0.3		
0.5	0.7	0.5	0.3	0.3	0.9	2.7	3.1	2.0	1.5	1.2	0.8	0.4	18.8	1955
0.3	0.5	0.3	0.3	1.5	1.3	0.3	0.1	0.4	0.2	0.2	0.1	0.1		
0.0	0.2	0.6	0.5	0.6	0.8	2.7	2.3	2.2	1.5	1.2	0.8	0.5	19.6	1956
0.5	0.4	0.5	0.2	0.1	0.2	0.4	0.2	0.1	0.1	0.3	0.1	0.1		
0.0	0.0	0.4	0.5	0.3	0.2	0.7	2.2	2.6	1.8	0.9	0.6	0.7	14.3	1957
0.4	0.2	1.9	0.6	0.3	0.5	0.2	0.3	0.5	0.2	0.1	0.6	0.6		
0.8	0.7	0.3	0.2	0.6	3.1	2.4	1.4	1.7	0.8	0.5	0.7	0.6	20.2	1958
0.1	0.8	0.4	1.0	0.4	0.5	1.6	0.7	0.3	0.4	0.1	0.9	0.2		
0.4	0.6	0.2	0.4	1.2	2.7	3.0	2.6	3.0	1.3	2.0	0.6	0.4	25.5	1959
0.5	0.2	0.4	0.4	0.2	1.9	0.2	0.5	0.3	0.5	0.3	0.2	1.0		
0.7	0.2	0.2	0.5	1.2	2.7	2.5	2.7	2.2	2.2	1.6	0.9	1.7	25.9	1960
1.6	1.8	1.3	1.8	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.8	0.9	0.7	2.5	2.6	1.9	1.6	1.2	0.6	0.9	21.8	1961
1.1	0.7	1.6	0.3	0.3	0.5	0.3	0.3	0.3	0.2	0.1	0.1	0.1		
0.3	0.3	0.1	0.3	0.5	0.8	3.3	3.0	2.3	1.0	1.4	0.5	0.3	19.9	1962
0.3	0.2	0.6	0.6	0.8	0.1	0.6	0.1	0.3	0.2	0.3	0.3	0.3		
0.4	1.8	0.4	0.1	0.6	1.8	1.0	1.3	1.8	1.0	0.7	0.4	0.9	16.9	1963
0.5	0.6	0.6	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.8	0.2		
0.1	0.1	0.1	0.1	0.2	0.2	2.9	1.9	1.9	1.5	0.6	0.4	0.5	14.5	1964
0.4	0.3	0.3	0.4	0.3	0.2	0.1	0.5	0.3	0.3	0.1	0.0	0.0		
0.0	0.0	0.0	0.0	0.1	0.9	2.3	4.2	2.8	2.3	1.3	1.1	0.7	18.9	1965
1.2	0.5	0.2	0.2	0.2	0.4	0.2	0.1	0.0	0.3	0.1	0.1	0.1		
0.1	0.1	0.1	0.7	0.2	0.2	1.0	3.8	2.2	2.7	1.5	1.1	1.4	18.5	1966
0.5	0.7	0.4	0.2	0.2	0.4	0.3	0.4	0.1	0.1	0.1	0.0	0.1		
0.2	0.1	0.0	0.4	0.2	0.2	2.9	2.6	1.4	2.1	1.7	0.5	0.8	16.6	1967
0.9	0.6	0.3	0.8	0.7	2.8	0.3	0.4	0.1	0.0	0.1	0.1	0.1		
0.1	0.1	0.1	0.3	0.1	0.4	2.5	3.5	3.1	1.9	2.4	1.4	0.3	23.2	1968
0.2	0.1	0.6	0.6	0.2	0.1	0.1	0.2	0.2	0.1	0.8	0.2	0.1		
0.1	0.1	0.1	0.1	0.9	2.0	2.1	4.0	2.9	1.5	1.3	0.9	0.6	20.0	1969
0.6	1.8	0.5	0.8	0.1	0.1	0.2	0.9	0.1	0.3	0.1	0.1	0.8		
0.3	0.1	0.1	0.3	0.8	1.4	2.4	1.5	2.0	2.2	0.9	0.5	0.4	19.3	1970
1.1	0.3	0.5	0.5	0.9	0.4	0.3	0.2	0.1	1.1	0.3	0.1	0.5		
0.3	0.4	0.2	0.4	0.7	2.8	3.0	2.8	3.1	2.7	1.5	0.8	0.7	25.9	1971
0.4	0.7	0.4	0.2	0.9	0.1	0.2	0.7	2.0	0.8	0.4	0.1	0.2		
0.2	0.2	0.3	0.4	0.2	0.4	1.1	2.2	3.4	3.3	1.9	1.2	1.1	23.1	1972
1.0	0.5	0.5	0.1	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.3		
0.4	0.2	1.9	1.5	1.0	3.1	2.8	2.9	1.9	1.5	1.4	0.9	1.2	24.5	1973
0.9	0.5	0.2	0.7	0.7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.1	0.4	0.6	1.8	2.0	3.8	2.9	2.2	1.4	0.7	20.2	1974
0.2	0.2	0.6	0.7	0.5	0.3	0.1	0.1	0.1	0.1	0.1	0.8	1.4		
0.9	0.4	0.2	0.6	0.4	1.3	3.6	2.9	1.8	1.0	0.5	0.3	0.2	19.3	1975
0.1	0.2	0.8	2.8	1.4	0.9	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.1	0.1	0.6	3.0	3.2	3.6	3.9	2.1	1.4	0.6	25.9	1976
0.4	0.5	0.3	1.9	0.5	0.2	0.5	0.4	0.1	0.1	0.4	0.1	0.1		
0.1	0.1	0.1	0.0	0.7	1.7	2.6	3.1	2.5	2.8	2.6	1.6	1.6	24.8	1977
0.9	0.8	0.5	0.4	0.4	0.2	0.8	1.2	0.2	0.2	0.1	0.1	0.3		
0.1	0.1	0.1	0.2	0.2	0.1	1.1	3.6	2.9	2.5	1.9	1.5	0.8	21.4	1978
0.9	0.3	1.2	1.3	0.7	0.2	0.1	0.4	0.3	0.3	0.1	0.1	0.2		
0.1	0.3	0.3	0.4	0.9	3.0	2.1	3.2	2.2	1.5	1.3	1.0	0.5	23.0	1979
0.6	1.2	0.6	0.2	0.9	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.3		
0.2	0.1	0.3	0.5	0.2	1.5	1.5	1.8	2.8	2.3	2.1	1.6	1.1	21.0	1980
1.2	2.0	0.3	0.2	0.3	0.3	0.5	0.3	0.2	0.1	0.1	0.3	0.3		
0.3	0.2	0.2	0.5	0.5	1.6	1.7	2.6	3.0	3.4	3.4	1.7	1.4	26.6	1981
0.7	0.7	1.3	0.9	1.0	0.2	0.1	0.1	0.1	0.1	0.3	0.2	0.2		
0.4	0.2	0.1	0.1	0.1	0.2	0.6	2.4	3.7	2.5	2.0	1.4	0.8	20.5	1982
0.2	0.7	0.3	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.3		
0.1	0.1	0.2	0.3	1.0	1.8	3.1	3.2	2.3	1.7	0.9	0.6	0.4	18.6	1983

Medalrennsli (6l/2vikum)													MQ (6l/ari)	
0.7	0.7	0.6	0.7	0.6	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.3		
0.2	0.3	0.3	0.4	0.5	1.3	2.3	2.6	2.5	2.1	1.5	1.0	0.8	21.2	

Medalrennsli 34 ar: 0.7 m3/s

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Rennsli (Gl/2vikum)													Arsrennsli (Gl)	
1.0	0.8	0.3	0.5	1.6	0.4	0.1	0.1	0.0	0.0	0.0	0.3	0.1		
0.0	0.0	0.0	0.0	0.2	0.6	1.6	1.2	2.7	2.1	1.4	0.9	1.0	17.0	1950
1.1	1.2	0.8	0.4	0.3	0.3	0.1	0.2	0.1	0.1	0.2	0.1	0.2		
0.1	0.1	0.0	0.2	0.3	1.1	1.3	1.0	1.9	1.9	1.9	0.9	0.7	16.4	1951
0.6	0.3	0.2	1.1	0.5	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1		
0.2	0.3	0.1	0.1	0.3	0.4	1.3	2.4	2.0	1.1	0.8	0.7	0.6	14.3	1952
0.5	1.1	0.5	0.5	1.0	0.9	0.5	1.3	0.4	0.2	0.2	0.1	0.3		
0.1	0.2	0.4	0.3	0.2	1.5	2.5	1.3	1.0	1.0	0.8	0.6	0.5	13.1	1953
0.8	0.4	0.3	0.1	0.1	0.3	0.6	0.2	0.1	0.1	0.1	0.1	0.1		
0.1	0.0	0.2	0.5	0.4	0.3	2.1	1.7	1.8	1.6	1.1	0.7	0.5	14.2	1954
0.3	0.4	0.1	0.1	0.1	0.3	0.2	0.0	0.1	0.1	0.3	0.6	0.2		
0.3	0.5	0.4	0.2	0.2	0.7	2.0	2.2	1.4	1.1	0.9	0.6	0.3	13.6	1955
0.2	0.3	0.2	0.2	1.1	0.9	0.2	0.1	0.3	0.2	0.1	0.1	0.1		
0.0	0.2	0.4	0.4	0.4	0.6	1.9	1.7	1.6	1.1	0.8	0.6	0.4	14.1	1956
0.3	0.3	0.3	0.2	0.1	0.2	0.3	0.2	0.1	0.0	0.2	0.1	0.1		
0.0	0.0	0.3	0.3	0.2	0.1	0.5	1.6	1.9	1.3	0.7	0.5	0.5	10.3	1957
0.3	0.1	1.4	0.4	0.2	0.4	0.1	0.2	0.3	0.1	0.1	0.4	0.4		
0.5	0.5	0.2	0.1	0.4	2.3	1.7	1.0	1.2	0.6	0.4	0.5	0.4	14.6	1958
0.1	0.6	0.3	0.7	0.3	0.3	1.1	0.5	0.2	0.3	0.1	0.6	0.1		
0.3	0.4	0.2	0.3	0.9	1.9	2.1	1.9	2.2	0.9	1.4	0.4	0.3	18.4	1959
0.4	0.1	0.3	0.3	0.2	1.3	0.1	0.4	0.2	0.3	0.2	0.1	0.7		
0.5	0.2	0.1	0.4	0.8	2.0	1.8	2.0	1.6	1.6	1.1	0.7	1.2	18.7	1960
1.2	1.3	1.0	1.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.6	0.7	0.5	1.8	1.9	1.4	1.1	0.9	0.5	0.7	15.8	1961
0.8	0.5	1.2	0.2	0.2	0.4	0.2	0.3	0.2	0.1	0.1	0.1	0.1		
0.3	0.2	0.1	0.2	0.3	0.6	2.4	2.1	1.7	0.7	1.0	0.3	0.2	14.4	1962
0.2	0.2	0.4	0.4	0.6	0.1	0.4	0.1	0.2	0.2	0.2	0.2	0.2		
0.3	1.3	0.3	0.1	0.4	1.3	0.8	0.9	1.3	0.7	0.5	0.3	0.7	12.2	1963
0.4	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.2	
0.1	0.1	0.1	0.1	0.1	0.2	2.1	1.4	1.4	1.1	0.4	0.3	0.4	10.5	1964
0.3	0.2	0.2	0.3	0.2	0.1	0.1	0.4	0.2	0.2	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.7	1.7	3.1	2.0	1.6	0.9	0.8	0.5	13.7	1965
0.8	0.4	0.2	0.1	0.1	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.1		
0.0	0.0	0.0	0.5	0.1	0.2	0.7	2.7	1.6	2.0	1.1	0.8	1.0	13.4	1966
0.4	0.5	0.3	0.2	0.1	0.3	0.2	0.3	0.1	0.1	0.1	0.0	0.1		
0.1	0.1	0.0	0.3	0.1	0.1	2.1	1.9	1.0	1.5	1.2	0.4	0.6	12.0	1967
0.6	0.4	0.2	0.6	0.5	2.1	0.2	0.3	0.1	0.0	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.1	0.3	1.8	2.5	2.2	1.4	1.7	1.0	0.2	16.8	1968
0.2	0.1	0.4	0.5	0.1	0.1	0.0	0.1	0.1	0.1	0.6	0.1	0.1		
0.1	0.1	0.1	0.1	0.6	1.4	1.5	2.9	2.1	1.1	0.9	0.7	0.4	14.4	1969
0.5	1.3	0.4	0.6	0.1	0.1	0.1	0.7	0.1	0.2	0.1	0.1	0.6		
0.2	0.1	0.1	0.2	0.6	1.0	1.7	1.1	1.4	1.6	0.7	0.3	0.3	13.9	1970
0.8	0.3	0.4	0.4	0.6	0.3	0.2	0.1	0.1	0.8	0.2	0.1	0.4		
0.2	0.3	0.1	0.3	0.5	2.0	2.2	2.0	2.2	1.9	1.1	0.6	0.5	18.7	1971
0.3	0.5	0.3	0.1	0.7	0.1	0.1	0.5	1.4	0.6	0.3	0.1	0.1		
0.1	0.2	0.2	0.3	0.1	0.3	0.8	1.6	2.5	2.4	1.3	0.9	0.8	16.7	1972
0.7	0.4	0.4	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2		
0.3	0.2	1.4	1.1	0.7	2.3	2.1	2.1	1.4	1.1	1.0	0.7	0.9	17.7	1973
0.7	0.4	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.1	0.3	0.4	1.3	1.4	2.7	2.1	1.6	1.0	0.5	14.6	1974
0.1	0.1	0.4	0.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.6	1.0		
0.7	0.3	0.1	0.4	0.3	0.9	2.6	2.1	1.3	0.7	0.4	0.2	0.2	13.9	1975
0.0	0.2	0.6	2.0	1.0	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.0	0.0	0.4	2.2	2.3	2.6	2.8	1.5	1.0	0.5	18.7	1976
0.3	0.3	0.2	1.4	0.3	0.1	0.4	0.3	0.1	0.1	0.3	0.1	0.0		
0.0	0.0	0.1	0.0	0.5	1.2	1.8	2.2	1.8	2.0	1.9	1.2	1.1	17.9	1977
0.6	0.6	0.4	0.3	0.3	0.1	0.6	0.9	0.2	0.1	0.1	0.1	0.2		
0.1	0.1	0.1	0.1	0.1	0.1	0.8	2.6	2.1	1.8	1.4	1.1	0.6	15.4	1978
0.7	0.2	0.9	0.9	0.5	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1		
0.1	0.2	0.2	0.3	0.6	2.2	1.5	2.3	1.6	1.1	0.9	0.7	0.4	16.6	1979
0.5	0.9	0.4	0.2	0.7	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2		
0.2	0.1	0.2	0.3	0.1	1.1	1.1	1.3	2.0	1.7	1.5	1.1	0.8	15.2	1980
0.9	1.4	0.2	0.2	0.2	0.2	0.4	0.2	0.1	0.1	0.1	0.2	0.2		
0.2	0.1	0.1	0.3	0.4	1.2	1.2	1.9	2.2	2.4	2.4	1.2	1.0	19.2	1981
0.5	0.5	1.0	0.6	0.7	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2		
0.3	0.1	0.1	0.1	0.1	0.2	0.5	1.7	2.7	1.8	1.5	1.0	0.5	14.8	1982
0.2	0.5	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2		
0.1	0.1	0.1	0.2	0.7	1.3	2.2	2.3	1.6	1.3	0.7	0.4	0.3	13.5	1983
Medalrennsli (Gl/2vikum)													MQ (Gl/ari)	
0.5	0.5	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.2		
0.2	0.2	0.2	0.3	0.4	0.9	1.6	1.9	1.8	1.5	1.1	0.7	0.6	15.3	

Medalrennsli 34 ar: 0.5 m3/s

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Rennsli (Gl/2vikum)													Arsrennsli (Gl)	
0.6	0.4	0.1	0.3	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1		
0.0	0.0	0.0	0.0	0.1	0.3	0.9	0.7	1.5	1.2	0.8	0.5	0.6	9.3	1950
0.6	0.7	0.4	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1		
0.1	0.1	0.0	0.1	0.2	0.6	0.7	0.5	1.0	1.0	1.0	0.5	0.4	8.9	1951
0.3	0.1	0.1	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.2	0.0	0.1	0.2	0.2	0.7	1.3	1.1	0.6	0.4	0.4	0.3	7.8	1952
0.3	0.6	0.3	0.3	0.6	0.5	0.3	0.7	0.2	0.1	0.1	0.1	0.2		
0.1	0.1	0.2	0.2	0.1	0.8	1.4	0.7	0.6	0.6	0.4	0.4	0.3	9.9	1953
0.4	0.2	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.0	0.0	0.1		
0.0	0.0	0.1	0.3	0.2	0.2	1.2	0.9	1.0	0.9	0.6	0.4	0.3	7.8	1954
0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.3	0.1		
0.2	0.3	0.2	0.1	0.1	0.4	1.1	1.2	0.8	0.6	0.5	0.3	0.2	7.4	1955
0.1	0.2	0.1	0.1	0.6	0.5	0.1	0.1	0.2	0.1	0.1	0.1	0.0		
0.0	0.1	0.2	0.2	0.2	0.3	1.0	0.9	0.9	0.6	0.5	0.3	0.2	7.7	1956
0.2	0.2	0.2	0.1	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.0		
0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.9	1.0	0.7	0.4	0.3	0.3	5.6	1957
0.2	0.1	0.8	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2		
0.3	0.3	0.1	0.1	0.2	1.2	1.0	0.6	0.7	0.3	0.2	0.3	0.2	8.0	1958
0.1	0.3	0.1	0.4	0.1	0.2	0.6	0.3	0.1	0.2	0.1	0.3	0.1		
0.1	0.2	0.1	0.2	0.5	1.1	1.2	1.0	1.2	0.5	0.8	0.2	0.1	10.1	1959
0.2	0.1	0.1	0.2	0.1	0.7	0.1	0.2	0.1	0.2	0.1	0.1	0.1		
0.3	0.1	0.1	0.2	0.5	1.1	1.0	1.1	0.9	0.9	0.6	0.4	0.7	10.2	1960
0.6	0.7	0.5	0.7	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.1	0.3	0.4	0.3	1.0	1.0	0.7	0.6	0.5	0.3	0.4	8.6	1961
0.4	0.3	0.6	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0		
0.1	0.1	0.1	0.1	0.2	0.3	1.3	1.2	0.9	0.4	0.6	0.2	0.1	7.9	1962
0.1	0.1	0.2	0.2	0.3	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
0.2	0.7	0.2	0.0	0.2	0.7	0.4	0.5	0.7	0.4	0.3	0.2	0.4	6.7	1963
0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.1		
0.0	0.0	0.0	0.0	0.1	0.1	1.1	0.8	0.7	0.6	0.2	0.2	0.2	5.7	1964
0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.7	1.1	0.9	0.5	0.4	0.3	7.5	1965
0.5	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0		
0.0	0.0	0.0	0.3	0.1	0.1	0.4	1.5	0.9	1.1	0.6	0.4	0.5	7.3	1966
0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1		
0.1	0.0	0.0	0.1	0.1	0.1	1.2	1.0	0.6	0.8	0.7	0.2	0.3	6.6	1967
0.3	0.2	0.1	0.3	0.3	1.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.1	0.0	0.2	1.0	1.4	1.2	0.8	0.9	0.5	0.1	9.1	1968
0.1	0.0	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.3	0.1	0.0		
0.0	0.0	0.0	0.0	0.3	0.8	0.8	1.6	1.1	0.6	0.5	0.4	0.2	7.9	1969
0.2	0.7	0.2	0.3	0.0	0.0	0.1	0.4	0.1	0.1	0.1	0.0	0.3		
0.1	0.0	0.1	0.1	0.3	0.6	0.9	0.6	0.8	0.9	0.4	0.2	0.2	7.6	1970
0.4	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.0	0.5	0.1	0.0	0.2		
0.1	0.2	0.1	0.2	0.3	1.1	1.2	1.1	1.2	1.0	0.6	0.3	0.3	10.2	1971
0.2	0.3	0.1	0.1	0.4	0.0	0.1	0.3	0.8	0.3	0.2	0.0	0.1		
0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.9	1.4	1.3	0.7	0.5	0.4	9.1	1972
0.4	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1		
0.1	0.1	0.8	0.6	0.4	1.2	1.1	1.1	0.8	0.6	0.5	0.4	0.5	9.7	1973
0.4	0.2	0.1	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1		
0.1	0.0	0.0	0.1	0.2	0.2	0.7	0.8	1.5	1.1	0.9	0.6	0.3	8.0	1974
0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.3	0.6		
0.4	0.2	0.1	0.2	0.2	0.5	1.4	1.1	0.7	0.4	0.2	0.1	0.1	7.6	1975
0.0	0.1	0.3	1.1	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.2	1.2	1.3	1.4	1.5	0.8	0.5	0.3	10.2	1976
0.2	0.2	0.1	0.7	0.2	0.1	0.2	0.1	0.0	0.0	0.2	0.0	0.0		
0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.2	1.0	1.1	1.0	0.6	0.6	9.8	1977
0.3	0.3	0.2	0.1	0.2	0.1	0.3	0.5	0.1	0.1	0.1	0.1	0.1		
0.1	0.0	0.0	0.1	0.1	0.0	0.4	1.4	1.1	1.0	0.8	0.6	0.3	8.4	1978
0.4	0.1	0.5	0.5	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1		
0.1	0.1	0.1	0.1	0.4	1.2	0.8	1.3	0.9	0.6	0.5	0.4	0.2	9.1	1979
0.3	0.5	0.2	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.1	0.6	0.6	0.7	1.1	0.9	0.8	0.6	0.5	8.3	1980
0.5	0.8	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.2	0.6	0.7	1.0	1.2	1.3	1.3	0.7	0.6	10.5	1981
0.3	0.3	0.5	0.3	0.4	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1		
0.2	0.1	0.0	0.0	0.0	0.1	0.2	1.0	1.5	1.0	0.8	0.6	0.3	8.1	1982
0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1		
0.1	0.0	0.1	0.1	0.4	0.7	1.2	1.3	0.9	0.7	0.4	0.2	0.2	7.3	1983
Medalrennsli (Gl/2vikum)													MQ (Gl/ari)	
0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.1	0.2	0.5	0.9	1.0	1.0	0.8	0.6	0.4	0.3	8.3	

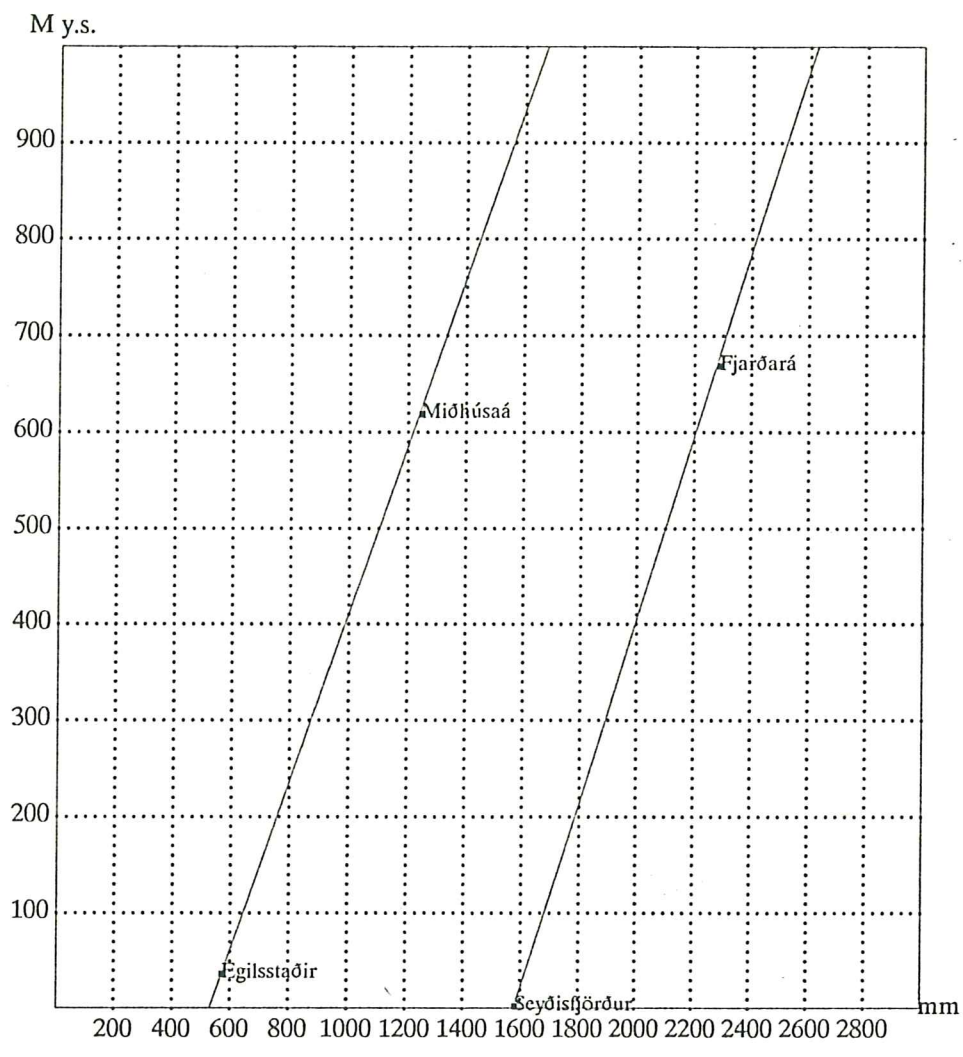
Medalrennsli 34 ar: 0.3 m3/s

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Rennsli (G1/2vikum)												Arrensli (G1)		
0.7	0.5	0.2	0.3	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.1		
0.0	0.0	0.0	0.0	0.1	0.4	1.0	0.8	1.7	1.3	0.9	0.6	0.7	10.8	1950
0.7	0.8	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1		
0.1	0.1	0.0	0.1	0.2	0.7	0.8	0.6	1.2	1.2	1.2	0.5	0.4	10.4	1951
0.4	0.2	0.1	0.7	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.2	0.2	0.1	0.1	0.2	0.3	0.8	1.5	1.3	0.7	0.5	0.5	0.4	9.1	1952
0.3	0.7	0.3	0.3	0.7	0.6	0.3	0.8	0.2	0.1	0.1	0.1	0.2		
0.1	0.1	0.3	0.2	0.2	1.0	1.6	0.8	0.7	0.7	0.5	0.4	0.3	11.5	1953
0.5	0.2	0.2	0.1	0.1	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.0		
0.1	0.0	0.1	0.3	0.2	0.2	1.4	1.1	1.1	1.0	0.7	0.4	0.3	9.1	1954
0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.4	0.1		
0.2	0.3	0.2	0.1	0.2	0.4	1.2	1.4	0.9	0.7	0.6	0.4	0.2	8.6	1955
0.2	0.2	0.1	0.1	0.7	0.6	0.2	0.1	0.2	0.1	0.1	0.0	0.0		
0.0	0.1	0.3	0.2	0.3	0.4	1.2	1.1	1.0	0.7	0.5	0.4	0.2	9.0	1956
0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.0		
0.0	0.0	0.2	0.2	0.1	0.1	0.3	1.0	1.2	0.8	0.4	0.3	0.3	6.6	1957
0.2	0.1	0.9	0.3	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.3		
0.3	0.3	0.1	0.1	0.3	1.4	1.1	0.6	0.8	0.4	0.2	0.3	0.3	9.3	1958
0.1	0.4	0.2	0.5	0.2	0.2	0.7	0.3	0.1	0.2	0.1	0.4	0.1		
0.2	0.3	0.1	0.2	0.6	1.2	1.4	1.2	1.4	0.6	0.9	0.3	0.2	11.7	1959
0.2	0.1	0.2	0.2	0.1	0.9	0.1	0.3	0.1	0.2	0.1	0.1	0.5		
0.3	0.1	0.1	0.2	0.5	1.3	1.2	1.3	1.0	1.0	0.7	0.4	0.8	11.9	1960
0.8	0.8	0.6	0.8	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.1		
0.0	0.0	0.1	0.4	0.4	0.3	1.2	1.2	0.9	0.7	0.6	0.3	0.4	10.0	1961
0.5	0.3	0.7	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.0	0.1		
0.2	0.1	0.1	0.1	0.2	0.4	1.5	1.4	1.1	0.4	0.7	0.2	0.2	9.2	1962
0.1	0.1	0.3	0.3	0.4	0.0	0.3	0.1	0.1	0.1	0.2	0.1	0.1		
0.2	0.8	0.2	0.1	0.3	0.8	0.5	0.6	0.8	0.5	0.3	0.2	0.4	7.8	1963
0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.4		
0.1	0.0	0.1	0.0	0.1	0.1	1.3	0.9	0.9	0.7	0.3	0.2	0.2	6.7	1964
0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.9	1.3	1.0	0.6	0.5	0.3	8.7	1965
0.5	0.2	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.1		
0.0	0.0	0.0	0.3	0.1	0.1	0.5	1.7	1.0	1.3	0.7	0.5	0.6	8.5	1966
0.2	0.3	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.1		
0.1	0.0	0.0	0.2	0.1	0.1	1.3	1.2	0.6	0.9	0.8	0.2	0.4	7.6	1967
0.4	0.3	0.1	0.4	0.3	1.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.1	0.1	0.0	0.2	1.1	1.6	1.4	0.9	1.1	0.6	0.2	10.7	1968
0.1	0.1	0.3	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.4	0.1	0.0		
0.0	0.0	0.0	0.0	0.4	0.9	1.0	1.9	1.3	0.7	0.6	0.4	0.3	9.2	1969
0.3	0.8	0.2	0.4	0.1	0.0	0.1	0.4	0.1	0.1	0.1	0.1	0.4		
0.1	0.1	0.1	0.1	0.4	0.7	1.1	0.7	0.9	1.0	0.4	0.2	0.2	8.9	1970
0.5	0.2	0.3	0.2	0.4	0.2	0.1	0.1	0.0	0.5	0.1	0.0	0.2		
0.2	0.2	0.1	0.2	0.3	1.3	1.4	1.3	1.4	1.2	0.7	0.4	0.3	11.9	1971
0.2	0.3	0.2	0.1	0.4	0.0	0.1	0.3	0.9	0.4	0.2	0.1	0.1		
0.1	0.1	0.2	0.2	0.1	0.2	0.5	1.0	1.6	1.5	0.9	0.6	0.5	10.6	1972
0.4	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1		
0.2	0.1	0.9	0.7	0.5	1.4	1.3	1.3	0.9	0.7	0.6	0.4	0.6	11.3	1973
0.4	0.2	0.1	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1		
0.1	0.0	0.0	0.1	0.2	0.3	0.8	0.9	1.7	1.3	1.0	0.6	0.3	9.3	1974
0.1	0.1	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.4	0.7		
0.4	0.2	0.1	0.3	0.2	0.6	1.6	1.3	0.8	0.5	0.2	0.1	0.1	8.9	1975
0.0	0.1	0.4	1.3	0.6	0.4	0.1	0.0	0.1	0.1	0.1	0.0	0.0		
0.1	0.0	0.0	0.0	0.0	0.3	1.4	1.5	1.7	1.8	1.0	0.6	0.3	11.9	1976
0.2	0.2	0.1	0.9	0.2	0.1	0.2	0.2	0.1	0.0	0.2	0.0	0.0		
0.0	0.0	0.0	0.0	0.3	0.8	1.2	1.4	1.2	1.3	1.2	0.8	0.7	11.4	1977
0.4	0.4	0.2	0.2	0.2	0.1	0.4	0.6	0.1	0.1	0.1	0.1	0.1		
0.1	0.0	0.0	0.1	0.1	0.1	0.5	1.7	1.3	1.2	0.9	0.7	0.4	9.8	1978
0.4	0.1	0.6	0.6	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.2	0.2	0.4	1.4	1.0	1.5	1.0	0.7	0.6	0.5	0.2	10.6	1979
0.3	0.5	0.3	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.1	0.7	0.7	0.8	1.3	1.1	1.0	0.7	0.5	9.7	1980
0.5	0.9	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.2	0.7	0.8	1.2	1.4	1.6	1.6	0.8	0.7	12.2	1981
0.3	0.3	0.6	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.1		
0.2	0.1	0.0	0.0	0.1	0.1	0.3	1.1	1.7	1.2	0.9	0.7	0.3	9.4	1982
0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.1		
0.1	0.0	0.1	0.1	0.5	0.8	1.4	1.5	1.0	0.8	0.4	0.3	0.2	8.6	1983
Medalrennsli (G1/2vikum)												MQ (G1/ari)		
0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1		
0.1	0.1	0.1	0.2	0.2	0.6	1.0	1.2	1.2	0.9	0.7	0.4	0.4	9.7	

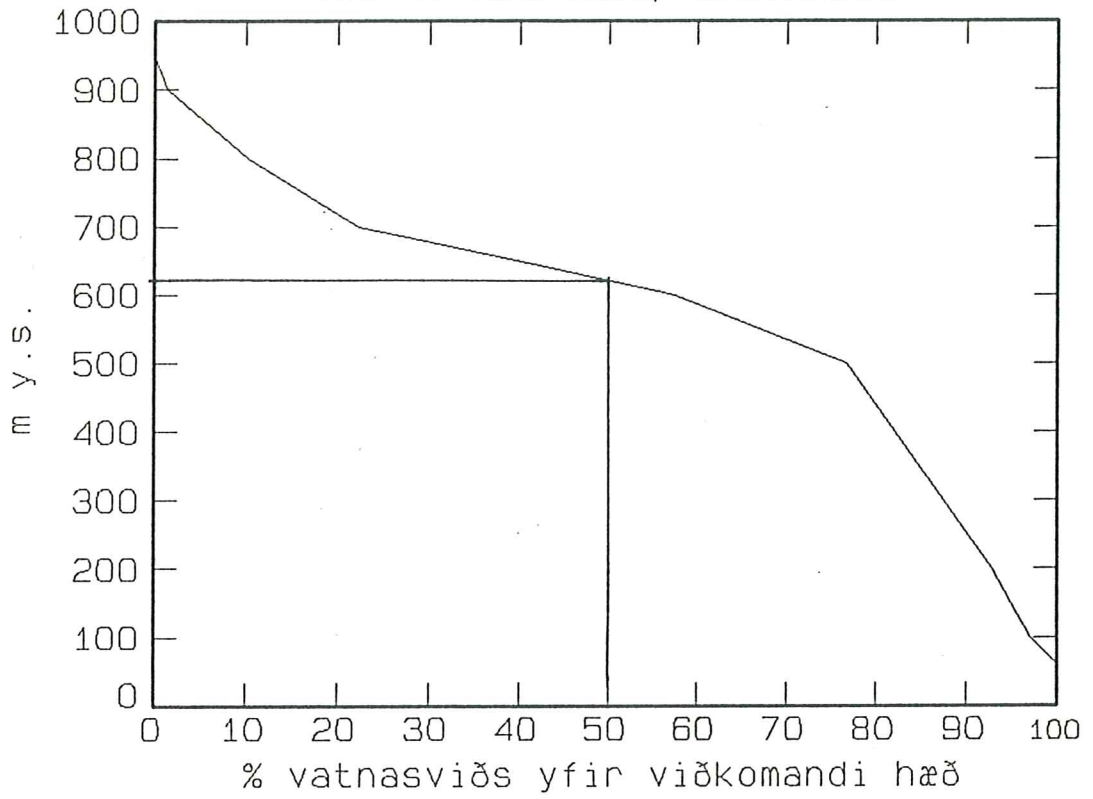
Medalrennsli 34 ar! 0.3 m3/s

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MYND 1. Úrkoma á Austurlandi [mm/ári] móti hæð yfir sjó [m]

Vhm 47 Miðhúsaá, Steinholt



Vhm 83 Fjarðará, Neðri-Stafur

