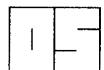


FJARÐARÁRVIRKJUN
Rennsli við vatnshæðarmæla og til virkjunar
Kristinn Einarsson
OS-88069/15 B Desember 1988



ORKUSTOFNUN
Vatnsorkudeild

Verknr. 773

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1. INNGANGUR

Lýst er gerð nýrra rennslislykla fyrir vhm 47 (kvarði) Miðhúsaá; Steinholt og vhm 83 (síriti) Fjarðará; Neðri-Stafur. Sett er fram rennslislíkan fyrir vhm 83 Fjarðará og það notað til að bæta átta vatnsárum framan við mælda rennslisröð. Of stutt er síðan vhm 240 (síriti) Fjarðará; Fjarðarsel var tekinn í notkun til þess að rennslislykill liggi fyrir, en hann eykur öryggi og nákvæmni varðandi rennslí Fjarðarár.

Mælt er flatarmál vatnsviða að vatnshæðarmælum og áætluðum veitustöðum. Einnig er mælt flatarmál milli hæðarbila yfir sjávarmáli og fundin vatnsviðshæð. Flatarmál vatnsviða ásamt rennslisgögnum eru notuð til að reikna afrennslí við vatnshæðarmæla. Reiknaður er úrkому- og/eða afrennslisstigull frá Seyðisfirði og Egilsstöðum upp til Fjarðarheiðar og hann notaður til að dreifa afrennslinu hlutfallslega á hæðarbil. Að lokum er reiknað rennslí til áætlaðra veitustaða út frá framangreindum upplýsingum.

Áður hefur greinargerð verið sett fram til bráðabirgða um efni þessarar skýrslu (Kristinn Einarsson 1988b). Fáeinarr leiðréttigar voru gerðar á afmörkun vatnsviða í kjölfar greinargerðarinnar, sem leiddu til breytingar á nokkrum rennslisröðum áður en til rekstrareftirlíkingar Fjarðarárvirkjunar kæmi, en hún var framkvæmd hjá Verkfræðistofunni Streng. Þessar lagfæringar voru gerðar í samráði við Sigurjón Helgason verkfræðing hjá Verkfræðistofu Sigurðar Thoroddsen hf. Áorðnar breytingar koma fram í skýrslunni og með samanburði við greinargerðina.

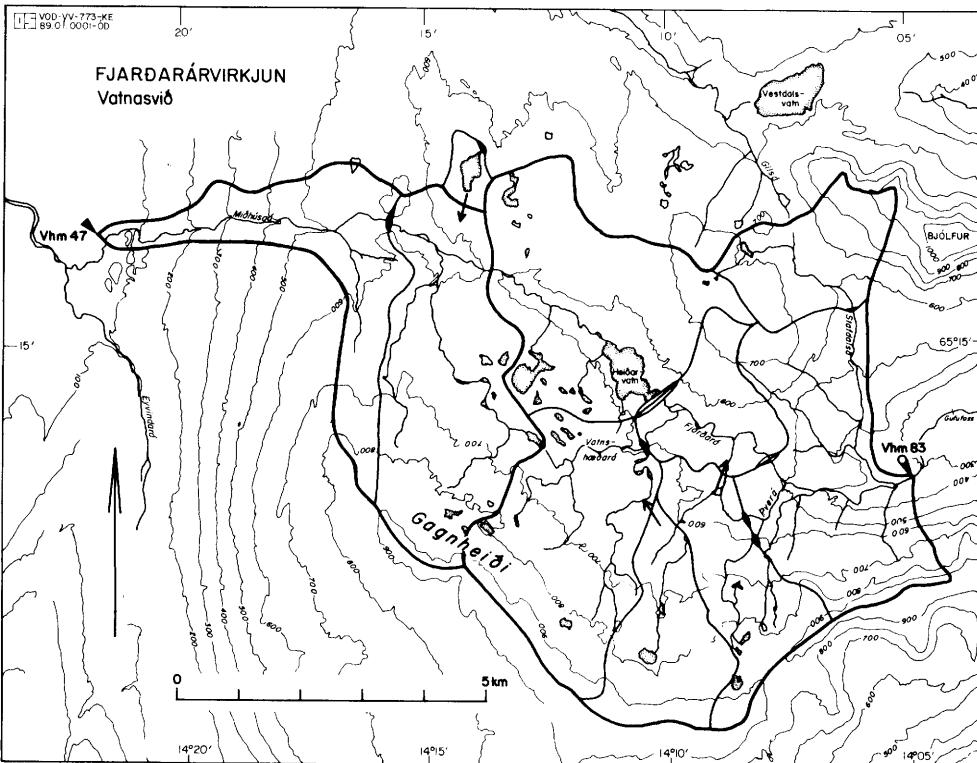
2. MÆLT RENNSLI OG RENNSLISLYKLAR

Gerðir hafa verið nýir rennslislyklar fyrir vhm 47 Miðhúsaá; Steinholt og vhm 83 Fjarðará; Neðri-Staf (sjá mynd 1). 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 rennslí. Til stendur að bæta úr því með rennslismælingum með íblöndunaraðferð þegar áin er í vorflóði. Rennslislykill við vhm 83 telst því bráðabirgðalykill, en tvímaelalaust mikið til bóta, miðað við fyrri lykil, varðandi lágrennslí. Þegar rennslislykill fyrir vhm 240 Fjarðará; Fjarðarsel liggur fyrir, munu upplýsingar þaðan auka öryggi og nákvæmni í ákvörðun rennslis Fjarðarár frá og með miðjum júní 1987.

Um rennslislykilinn fyrir vhm 47 Miðhúsaá má almennt segja, að ráðandi þversnið virðist þar öruggt og traust, a.m.k. finnast ekki breytingar þar á. Lykill er breyttur frá fyrri mynd sinni vegna viðbótarrennslismælinga, sem skilgreina betur efri og neðri hluta hans, en um miðbikið er hann svo til óbreyttur. Þessar breytingar hafa þau áhrif, að lágrennslí er metið lægra en áður, en hárennslí hærra. Rennslissveiflur aukast þar með miðað við fyrri lykil.

Hins vegar hefur ráðandi þversnið breytzt við vhm 83 á síðasta áratug og núllpunktur þess færzt niður, líklega við samspil ísa og flóða. Þetta hefur mest áhrif á mat lágrennslis, en áhrifin minnka við aukið rennslí. Þá tekur hins vegar við óvissa um lykilinn vegna skorts á mælingum við hárennslí. Reynt var að tímasetja breytinguna á þversniðinu með samanburði á lágrennslí að vetrarlagi skv. eldri lykli við rennslí nærliggjandi vatnshæðarmæla. Virtist það hlutfall breytast vorið 1978, og gildir því nýr lykill frá og með 1. maí 1978. Um endurskoðun framangreindra rennslislykla sá Eberg Elefsen vatnamælingamaður.

Að fengnu rennslí skv. nýjum rennslislyklum þurfti að lengja rennslisröð Fjarðarár við



MYND 1. Fjarðarárvirkjun. Vatnsvið. Sýnd eru vatnsvið vhm 47 Miðhúsaár og vhm 83 Fjarðarár (sverar línar) og hlutsvæða til virkjunar (mjóar línar).

vhm 83 til samræmis við staðlað árabil rekstrareftirlíkinga á virkjunum, en það nær yfir vatnsárin 1950/83. Ekki þurfti að reikna rennsli Miðhúsaár, þar ná mælingar yfir allt tímabilið.

>6 °C auk úrkому) frá veðurstöðvunum Teigarhorni og Hallormsstað, en þaðan lágu fyrir óslitnar upplýsingar er náðu til heildartímabilsins, vatnsárranna 1950/83.

Meðaltal og árssveifla rennslis við vhm 83 (rennsliseining Gl/2 vikur) voru metin með þriggja þátta Fourier-röðun (A_t merkir hér gildi ársferilsins á tímabilinu t , fyrsti liður eftir samasem merkið er meðaltal raðarinnar):

$$A_t = 4,15 + 4,29 \cdot \sin \left(\frac{1}{26} \cdot t - 2,42 \right) \\ - 2,58 \cdot \sin \left(\frac{2}{26} \cdot t - 0,61 \right) \\ + 1,89 \cdot \sin \left(\frac{3}{26} \cdot t + 1,37 \right) \quad (1)$$

Við þessa aðgerð skýrðust 82 % af breytileika rennslis við vhm 83 á Neðri-Staf.

3. REIKNAÐ RENNSLI FJARDARÁR VIÐ NEÐRI- STAF

Mælt rennsli vhm 83 Fjarðarár við Neðri-Staf nær til vatnsárranna 1958/83, bæta þurfti 8 vatnsárum framan við, þ.e. 1950/57. Til þess var notað tímaráðalíkan, sem Árni Snorrason setti upp á tölvu Orkustofnunar fyrir nokkrum árum (Árni Snorrason 1983).

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, óháð gögn um rennsli við vhm 47 Miðhúsaár og veðurþætti (gráðudaga >0, >2, >4 og

Fundið var bezta línulegt samband fyrir leifaliði ofangreindra tímaráða, og auk þess tekin með leifaröð rennslis við vhm 83

TAFLA 1. Ársúrkoma 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

hliðruð um eitt tímaskref (2 vikur). Þannig fékkst mat á sjálffylgni í rennslinu. Niðurstaðan var:

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

þar sem y_{q083} stendur fyrir leifaröð rennslis við vhm 83, y_{q047} stendur fyrir leifaröð rennslis við vhm 47, y_{q083-1} stendur fyrir leifaröð rennslis við vhm 83 hliðraða fram um eitt tímaskref og $y_{>2\text{Hall}}$ stendur fyrir leifaröð gráðudaga $>2^{\circ}\text{C}$ á Hallormsstað. Hætt var að bæta við liðum í jöfnuna, þegar

TAFLA 2. Meðalúrkoma á veðurstöðvum á Austurlandi [mm].
Tölur í svigum eru reiknaðar með samanburði við nærliggjandi stöðvar.

Ár	Egilsstaðir	Hallormsstaður	Seyðisfjörður	Dalatangi	Teigarhorn
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

ekki náðist að skýra með því 1 % í viðbót af breytileikanum í leifaröðinni.

Pessi líking skýrði 83,3 % breytileikans í leifaröðinni, en hann var 18 % breytileikans sem eftir var að skýra. Þannig skýrði líking (2) 15 % heldarbreytileikans. Samtals skýrði líkanið, jöfnur (1) og (2), 82 % + 15 % = 97 % af breytileika rennslis við vhm 83 á Neðri-Staf. Telst það mjög vel viðunandi árangur.

4. VIRKJANLEGT RENNSLI - ÚRKOMA, AFRENNSLI OG VATNASVIÐ

4.1 Úrkoma á Austurlandi

Úrkому og þar með afrennsli er mjög mis-skipt á Austurlandi. Út við ströndina er mjög úrkomusamt, en Austfjarðafjallgarðurinn dregur til sín mest af vætunni, þannig að munur er að meðaltali um eða yfir tvöfaldur í úrkому milli strandstöðva og veðurstöðva á Héraði. Í töflu 1 er sýnd ársúrkoma og í töflu 2 meðalúrkoma nokkurra lengri tímabila á veðurstöðvum á Austurlandi. Í töflu 3 eru gefin úrkomuhlutföll þessara stöðva til frekari glöggunar um mun þeirra og um stöðugleika í hlutfallslegri úrkому.

Stuðzt er við úrkому 1950/84 á Egilsstöðum (og/eða Eyvindará) og 1959/84 á Seyðisfirði til hjálpar við að áætla úrkому og/eða afrennslisstigul með hæð fyrir vatnsvið Miðhúsaár og Fjarðarár. Þar sem athuganir vantar á báðum stöðvum, er miðað

við hlutfall Egilsstaða móti Hallormsstað og hlutfall Seyðisfjarðar móti Dalatanga (sjá töflur 2 og 3) til uppfyllingar. Niðurstaðan er sú, að meðalúrkoma á Egilsstöðum 1950/84 sé 573 mm/ári, en á Seyðisfirði 1959/84 sé hún 1580 mm/ári.

Þessar tölur eru síðan notaðar þannig, að úrkoman á Egilsstöðum er pöruð móti afrennsli Miðhúsaár, en úrkoman á Seyðisfirði móti afrennsli Fjarðarár. Gengið er út frá því sem vísu, að úrkoman aukist frá Seyðisfirði upp til Fjarðarheiðar, en minnki þaðan til Egilsstaða. Einnig er gert ráð fyrir því, að setja megi u.p.b. samasemmerki milli mældrar úrkому í regnmæli og mælds afrennslis við vatnshæðarmæli hvað hlutfallslegt tap varðar. Gefin forsenda er sú, að tap við regnmæli, aðallega vegna vindtruflana, svari til taps af völdum uppgufunar og írennslis til grunnvatns áður en til mælingar kemur við vatnshæðarmælinn. Miðað við núverandi þekkingu og mældar stærðir á viðkomandi svæði er þetta líklega bezta mögulegt mat á aukningu úrkommunnar með hæð yfir sjó.

Geta má þess að utan snjóamánaða þarf að bæta rúmlega 20 % við mælda úrkому í regnmæli í Reykjavík til að fá úrkому við jörð (Flosi Hrafn Sigurðsson 1987). Gnóttargufun (minna en raunveruleg uppgufun, nema um vatnsflöt sé að ræða) er hins vegar áætluð um 360-380 mm/ári á Fjarðarheiði (Markús Á. Einarsson 1976), en það svarar til þess að bæta þurfi um 25 % við mælt rennsli Miðhúsaár og um 15 % við mælt rennsli Fjarðarár vegna uppgufun-

TAFLA 3. Úrkomuhlutföll milli veðurstöðva á Austurlandi.
Úrkoma á hverri viðmiðunarstöð sett 100, koll af kolli, 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

ar. Stærðargráður eru þær sömu í þessum mögulegu leiðréttigum úrkому og afrennslis, en báðar verulegri óvissu undirorpnar.

4.2 Vatnasvið virkjunarsvæða og vatnshæðarmæla

Mjög mikilvægt er, að til séu góð kort af öllu vatnasviði virkjunarsvæða og nálægra vatnshæðarmæla. Að öðrum kosti er ekki hægt að draga vatnasviðin og fá flatarmál þeirra með nauðsynlegri nákvæmni, þannig að mat á afrennsli verði nægilega gott. Undirstaða þess að geta áætlað rennsli í safn-

punktum vegna áætlaðra virkjana er þetta afrennslismat.

Ekki er til neitt betra kort yfir vatnasvið Miðhúsaár og Fjarðarár en bandaríska herkortið (AMS Series C762) í mælikvarða 1:50.000 frá árinu 1949. Til eru nákvæmari kort af hluta vatnasviðsins (Gunnar Þorbergsson 1988, Kristinn Einarsson 1988a), en þau nýtast lítt eða ekki í sambandi við efni þessarar skyrslu, til þess eru þau of takmörkuð. Til viðbótar við það, sem tilgreint er í greinargerðunum tveimur hér að framan, og vísað er til, skal það nefnt sem almenn reynsla höfundar, að kort í mælikv-

TAFLA 4. Flatarmál vatnasviða og rennslishlutföll. Vatnshæðarmælar.
Vhm 83 Fjarðará; Neðri-Stafur og vhm 47 Miðhúsaá; Steinholt.

Hæðarbil m.y.s.	Flatarmál km ² (óleiðrétt)	Flatarmál km ² (leiðrétt m.v. heild)	% af heild í hæðarbili	% rennslis m.v. mitt hæðarbil	Σ flatarmáls % yfir m.y.s.
Vhm 83	47,12				
300-400	0,82	0,82	1,7	1,5	100
400-500	2,38	2,37	5,0	4,6	98,3
500-600	8,58	8,58	18,2	17,3	93,2
600-700	18,67	18,66	39,6	39,3	75,0
700-800	8,70	8,70	18,5	19,1	35,4
800-900	5,35	5,34	11,3	12,2	17,0
900-1000	2,64	2,64	5,6	6,3	5,6
Summa	47,14				
Vhm 47	17,90				
0-100	0,20	0,20	1,1	0,4	100
100-200	0,42	0,42	2,3	1,1	98,9
200-300	0,48	0,48	2,7	1,6	96,6
300-400	0,57	0,57	3,2	2,2	93,9
400-500	0,66	0,66	3,7	2,9	90,7
500-600	3,28	3,28	18,3	16,5	87,0
600-700	7,30	7,30	40,8	40,8	68,7
700-800	2,68	2,68	15,0	16,6	27,9
800-900	2,03	2,03	11,3	13,7	12,9
900-1000	0,29	0,29	1,6	2,1	1,6
Summa	17,90				

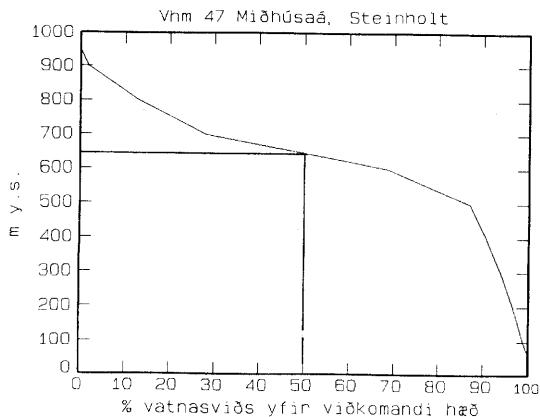
arða 1:20.000 eða 1:25.000 með 5 m hæðarbili sem ná yfir allt vatnasviðið eru nauðsynleg til að skilgreina vatnasvið með fullnægjandi hætti. Fullyrða má, að skortur á slíkum kortum veldur einhverri viðbótaróvissu við mat á legu vatnaskila, stærð vatnasviða og þar með afrennsli.

Ákvörðun á vatnasviði Miðhúsaár er mjög viðkvæm fyrir nákvæmri staðsetningu vatnshæðarmælisins á korti. Ber greinar- gerð sú um rennsli til Fjarðarárvirkjunar, er sett var fram til bráðabirgða sem undanfari þessarar skýrslu, merki þessa (Kristinn Einarsson 1988b). Vonast er til að núverandi mat sé nær lagi en áður, en það var gert í samráði við Sigurjón Helgason verkfræðing hjá Verkfræðistofu Sigurðar Thoroddsen hf. Samtímis var komið á samræmi um legu vatnaskila vegna síðustu hugmynda um veit- ur til virkjunarinnar, en þær eru breyttar miðað við það sem áður var í fyrri hug-

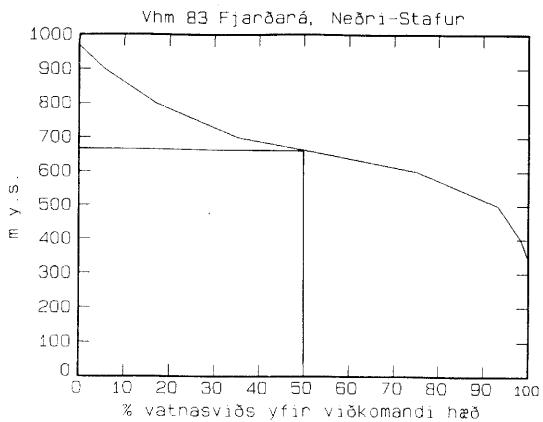
myndum (Verkfræðistofa Sigurðar Thoroddsen 1976).

Í töflu 4 er gefið flatarmál vatnasviða og rennslishlutföll með hæð yfir sjó fyrir vatnshæðarmælana vhm 83 Fjarðará (44,1 km²) og vhm 47 Miðhúsaá (17,9 km²). Jafnframt er vatnasviðunum skipt á hæðarbil, en það er grundvöllur þess að draga feril vatna- svíðshæðar (sjá myndir 2 og 3) fyrir vatnshæðarmælana báða. Taka ber fram, að fjöldi aukastafa í flatarmálsmælingu skv. töflu 4 er ekki marktækur, þeir eru gefnir upp til þess að sýna innbyrðis nákvæmni í mælingu hlutsvæða og heildarsvæða.

Gert er ráð fyrir því, að mæling meðalaf- rennslis af vatnasviðinu gildi sem punktmæl- ing fyrir þyngdarpunkt vatnasviðsins, þar sem 50 % vatnasviðsins eru fyrir ofan hann og neðan. Á myndum 2 og 3 finnst hæð þessa þyngdarpunkts yfir sjó, og er hann í 645 m.y.s. fyrir Miðhúsaá og í 670 m.y.s. fyr-



MYND 2. Vhm 47 Miðhúsaá. Vatnsviðshæð.



MYND 3. Vhm 83 Fjarðará. Vatnsviðshæð.

ir Fjarðará. Þetta er nauðsynlegt til að geta dregið úrkomu-/afrennslislínu móti veðurstöðvunum, en þær eru um punktmælingu í ákveðinni hæð yfir sjó að ræða, sjá mynd 4.

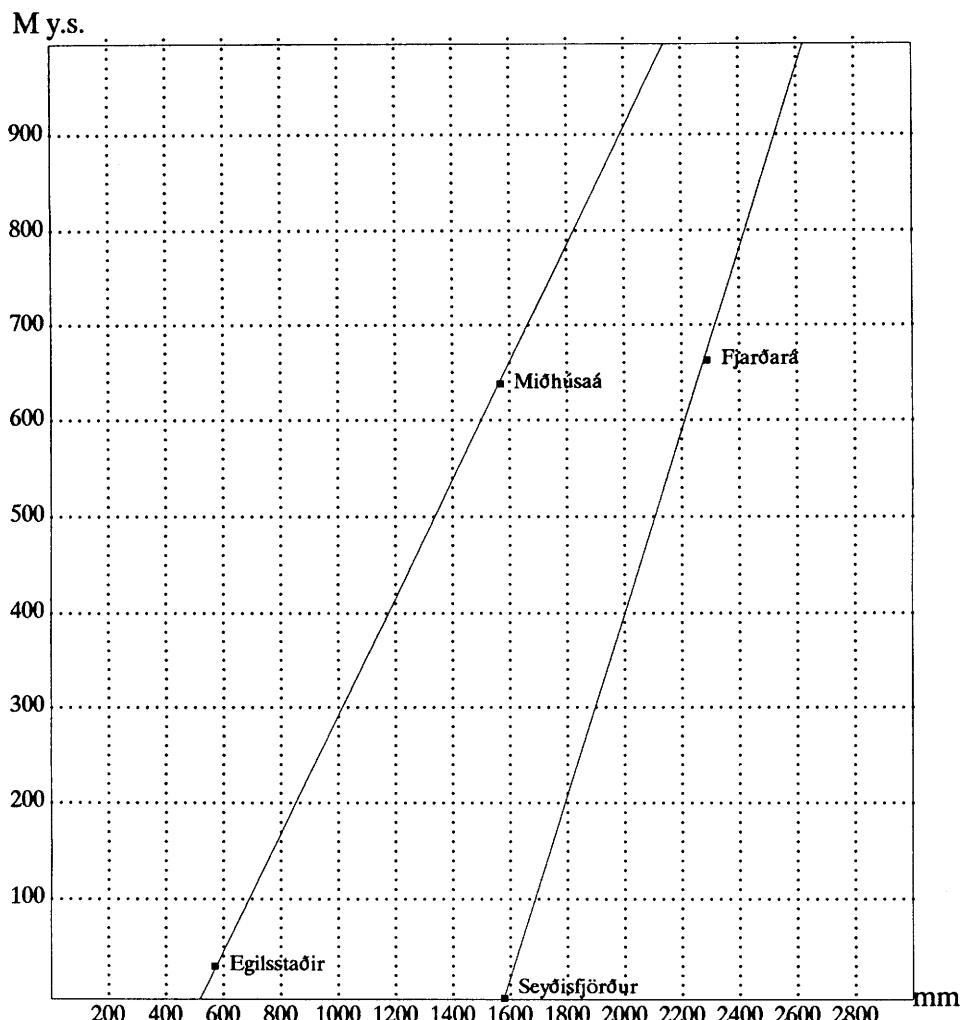
Framangreindar forsendur um aukningu úrkomu með hæð liggja til grundvallar niðurstöðum í næstsíðasta dálki í töflu 4. Þær eru síðan notaðar til útreiknings á rennslu af hlutsvæðum til virkjunar. Í töflu 5 er gefið flatarmál og rennslu hlutsvæðanna, sem hlutfall af rennslu til viðkomandi vatnshæðarmælis. Sama gildir um fjöldu aukastafa í flatarmálsmælingu í töflu 5 og nefnt var við töflu 4. Í næst síðasta dálki í töflu 5 eru gefnar tvær tölur um hlutfall rennslis við stíflustæði í Miðhúsaá miðað við rennslu við vatnshæðarmæli. Fyrri talan á við vhm 47 í Miðhúsaá, en í sviga á eftir stendur hlutfall miðað við vhm 83 í Fjarðará.

4.3 Virkjanlegt rennsli

Niðurstöður framangreindra reikninga eru notaðar til að reikna rennslu í tilgreindum safnpunktum sem hlutfall af rennslu við viðkomandi vatnshæðarmæli, þ.e. vhm 47 Miðhúsaá eða vhm 83 Fjarðará eftir því sem við á.

Rennslisraðirnar, bæði við vatnshæðarmæla og í safnpunktum, en þær eru 9 talsins, eru gefnar í Viðauka A. Þar að auki eru sýndar 3 summuraðir, gerðar úr fleiri eða færri þáttunum sem á undan fara, en í því formi voru rennslisraðirnar notaðar til rekstrareftirlíkingar á áætlaðri virkjun. Samtals eru því tólf rennslisraðir í Viðauka A. Þær eru þessar:

1. Vhm 47 Miðhúsaá. Mælt rennslu vatnsárin 1950/83, nýr lykill. Meðalrennslu er $0,87 \text{ m}^3/\text{s}$. Vatnsvið mælist $17,9 \text{ km}^2$ og meðalafrénnslu er $49 \text{ l/s}\cdot\text{km}^2$.
2. Vhm 83 Fjarðará. Reiknað rennslu vatnsárin 1950/57, mælt rennslu 1958/83, nýr lykill. Meðalrennslu er $3,40 \text{ m}^3/\text{s}$. Vatnsvið mælist $47,1 \text{ km}^2$ og meðalafrénnslu er $72 \text{ l/s}\cdot\text{km}^2$.
3. Miðhúsaá, stíflustæði. $67,9 \%$ af rennslu við vhm 47. Meðalrennslu er $0,59 \text{ m}^3/\text{s}$. Vatnsvið mælist $11,6 \text{ km}^2$ og meðalafrénnslu er $51 \text{ l/s}\cdot\text{km}^2$.
4. Heiðarvatn. $22,3 \%$ af rennslu við vhm 83. Meðalrennslu er $0,76 \text{ m}^3/\text{s}$. Vatnsvið mælist $10,7 \text{ km}^2$ og meðalafrénnslu er $71 \text{ l/s}\cdot\text{km}^2$.
5. Vatnshæðará. $19,8 \%$ af rennslu við vhm 83. Meðalrennslu er $0,67 \text{ m}^3/\text{s}$. Vatnsvið mælist $9,1 \text{ km}^2$ og meðalafrénnslu er $74 \text{ l/s}\cdot\text{km}^2$.
6. Þverárveita II (má miðla). $10,5 \%$ af rennslu við vhm 83. Meðalrennslu er $0,36 \text{ m}^3/\text{s}$. Vatnsvið mælist $4,7 \text{ km}^2$ og meðalafrénnslu er $76 \text{ l/s}\cdot\text{km}^2$.
7. Þverárveita I (í inntakslón). $11,4 \%$ af rennslu við vhm 83. Meðalrennslu er $0,39 \text{ m}^3/\text{s}$. Vatnsvið mælist $5,0 \text{ km}^2$ og meðalafrénnslu er $78 \text{ l/s}\cdot\text{km}^2$.



MYND 4. Úrkoma á Austurlandi [mm/ári] móti hæð yfir sjó [m]

8. Inntakslón sjálft. 7,3 % af rennsli við vhm 83. Meðalrennsli er $0,25 \text{ m}^3/\text{s}$. Vatnasvið mælist $3,6 \text{ km}^2$ og meðalafrennsli er $70 \text{ l/s} \cdot \text{km}^2$.
9. Stafdalsá. 9,1 % af rennsli við vhm 83. Meðalrennsli er $0,31 \text{ m}^3/\text{s}$. Vatnasvið mælist $4,2 \text{ km}^2$ og meðalafrennsli er $74 \text{ l/s} \cdot \text{km}^2$.
10. Miðlað rennsli, tilvik I. Miðhúsaárveita, Heiðarvatn og Vatnshæðará. Meðalrennsli er $2,02 \text{ m}^3/\text{s}$. Vatnasvið mælist $31,3 \text{ km}^2$ og meðalafrennsli er $65 \text{ l/s} \cdot \text{km}^2$.
11. Ómiðlað rennsli, tilvik I. Þverárveiturnar báðar auk inntakslóns. Meðalrennsli er $0,99 \text{ m}^3/\text{s}$.
- Vatnasvið mælist $13,3 \text{ km}^2$ og meðalafrennsli er $75 \text{ l/s} \cdot \text{km}^2$.
- Tilvik II (miðlað rennsli). Miðhúsaárveita, Heiðarvatn, Vatnshæðará og Þverárveita II. Meðalrennsli er $2,38 \text{ m}^3/\text{s}$. Vatnasvið mælist $36,0 \text{ km}^2$ og meðalafrennsli er $66 \text{ l/s} \cdot \text{km}^2$.
- Heildarniðurstaða er sú, að í tilviki I fást 59 % af rennsli við vhm 83 í Fjarðará við Neðri-Staf til miðlunar í Heiðarvatni, en 29 % rennslis við vhm 83 nást til inntakslóns án frekari miðlunar. Í tilviki II er miðlunarlonið í Heiðarvatni notað sem inntakslón, og fást 70 % rennslis við vhm 83 til virkjunar í því tilfelli. Í hvorugu tilfellinu er reiknað með að nota rennsli af vatnasviði Stafdalsár,

TAFLA 5. Flatarmál vatnasviða og rennslishlutföll. Hlutsvæði til virkjunar.

Hæðarbil m.y.s.	Flatarmál km ² (óleiðrétt)	Flatarmál km ² (leiðrétt m.v. heild)	% af heild í hæðarbili	% vhm-rennslis m.v. mitt hæðarbil	Σ flatarmáls % yfir m.y.s.
Stafdalsá	4,21				
500-600	0,26	0,26	6,1	0,5	100
600-700	1,86	1,85	43,9	3,9	93,9
700-800	1,44	1,43	34,0	3,1	50,0
800-900	0,54	0,54	12,9	1,2	16,0
900-1000	0,13	0,13	3,1	0,3	3,1
Summa	4,22			9,1	
Δ Inntakslón	3,56				
500-600	2,26	2,27	63,8	4,6	100
600-700	0,88	0,88	24,8	1,8	36,2
700-800	0,40	0,41	11,4	0,9	11,4
Summa	3,54			7,3	
Pverá I	5,00				
500-600	0,84	0,84	16,7	1,7	100
600-700	1,36	1,35	27,0	2,8	83,3
700-800	1,11	1,10	22,0	2,4	56,3
800-900	1,24	1,23	24,6	2,8	34,3
900-1000	0,49	0,49	9,7	1,6	9,7
Summa	5,05			11,4	
Pverá II	4,70				
600-700	1,05	1,05	22,4	2,2	100
700-800	1,41	1,41	30,0	3,1	77,6
800-900	1,45	1,45	30,8	3,3	47,7
900-1000	0,79	0,79	16,9	1,9	16,9
Summa	4,69			10,5	
Vatnshæðará	9,05				
500-600	0,10	0,10	1,1	0,2	100
600-700	3,95	3,97	43,9	8,4	98,9
700-800	2,31	2,33	25,7	5,1	55,0
800-900	1,78	1,79	19,8	4,1	29,4
900-1000	0,86	0,87	9,6	2,1	9,6
Summa	8,99			19,8	
Miðhúsaá	11,59				
500-600	1,05	1,05	9,1	5,3	100
600-700	6,45	6,46	55,8	36,1	90,9
700-800	2,05	2,05	17,7	12,7	35,1
800-900	1,72	1,73	14,9	11,7	17,4
900-1000	0,29	0,29	2,5	2,1	2,5
Summa	11,56			67,9 (17,5)	
Heiðarvatn	10,68				
500-600	2,45	2,44	22,9	4,9	100
600-700	7,46	7,42	69,5	15,6	77,1
700-800	0,82	0,82	7,6	1,8	7,6
Summa	10,74			22,3	

en það kemur til greina sem síðari viðbót, ef af virkjun verður.

4.4 Samanburðarmælingar

Fróðlegt er að skoða, hvernig svæðisgreiningunni hér að framan ber saman við rennslismælingar, sem gerðar hafa verið til samanburðar. Um er að ræða fjórar rennslismælingar frá haustinu 1988, sem hentugar eru vegna þeirra staða, sem mælt var á. Einnig má skoða tvær eldri mælingar við Heiðarvatn.

Áður en mælingarnar voru gerðar haustið 1988 hafði verið langvarandi rigningartíð á Austurlandi. Rigningum hafði ekki slotað þegar mælt var í Miðhúsaá, og báru ár og lækir merki þess, en þeim var nýlokið þegar mælt var í Fjarðará og rennsli því á niðurleið aftur. Ekki verður neitt fullyrt um að svæðisdreifing úrkomunnar haustið 1988 endurspegli meðaldreifingu ársins. Ber að taka niðurstöðum með þeirri varúð sem til heyrir, þegar punktmælingar eru bornar saman við langtíma meðaltöl.

Rennslismælt var á fyrirhuguðu stíflustæði í Miðhúsaá 8. september 1988. Rennsli mældist $0,848 \text{ m}^3/\text{s}$. Sama dag var rennslismælt við vhm 47 í Miðhúsaá, og mældist rennslið $1,34 \text{ m}^3/\text{s}$. Rennslishlutfall er 0,63. Til samanburðar er áætlað langtíma rennslishlutfall hér að framan 0,68. Vænt hefði verið rennslisins $0,910 \text{ m}^3/\text{s}$, mæling gefur 93 % þess.

Til eru á skrá tvær gamlar rennslismælingar neðan Heiðarvatns, sem hægt er að bera saman við mælingar á sama tíma á Neðri-Staf. Í báðum tilfellum er um vetrarmælingar að ræða og þess getið að ís trufli álestur á vatnshæð. 16. febrúar 1951 mælist rennsli neðan Heiðarvatns $0,165 \text{ m}^3/\text{s}$. Sama dag er rennsli á Neðri-Staf $0,260 \text{ m}^3/\text{s}$. Rennslishlutfall er 0,63. 30. mars 1952 mælist rennsli neðan Heiðarvatns $0,190 \text{ m}^3/\text{s}$. Daginn áður er rennsli á Neðri-Staf mælt $0,337 \text{ m}^3/\text{s}$. Rennslishlutfall er 0,56.

Rennslismælt var við útrennsli Heiðarvatns 18. september 1988. Rennsli mældist $0,555 \text{ m}^3/\text{s}$. Á sama tíma var vatnshæð við vhm 83

60 sm, en það svarar til $3,45 \text{ m}^3/\text{s}$ rennslis. Rennslishlutfall þarna á milli er 0,16. Til samanburðar er áætlað langtíma rennslishlutfall hér að framan 0,22. Vænta hefði mætt $0,769 \text{ m}^3/\text{s}$ rennslis út frá langtíma rennslishlutfalli, mæling gefur 72 % þess.

Rennslismælt var við Vatnshæðará 18. september 1988. Rennsli mældist $0,810 \text{ m}^3/\text{s}$. Á sama tíma var vatnshæð við vhm 83 59 sm, sem gefur $3,35 \text{ m}^3/\text{s}$ rennsli. Rennslishlutfall er 0,24. Til samanburðar er áætlað langtíma rennslishlutfall hér að framan 0,20. Vænt hefði verið $0,663 \text{ m}^3/\text{s}$ rennslis, mæling gefur 122 % þess.

Rennslismælt var við Þverá 18. september 1988. Rennsli mældist $0,748 \text{ m}^3/\text{s}$. Á sama tíma var vatnshæð við vhm 83 58 sm, sem gefur $3,25 \text{ m}^3/\text{s}$ rennsli. Rennslishlutfall er 0,23. Til samanburðar er áætlað langtíma rennslishlutfall af sama svæði 0,14 (sjá Kristinn Einarsson 1988b, en rennslismælingin svarar til Þverárveitu eins og hún var áætluð í bráðabirgðaskýrslu). Svarar það til þess, að vænt hefði verið $0,465 \text{ m}^3/\text{s}$ rennslis af þessu svæði, en mælingin gefur 161 % þess rennslis.

Niðurstaða ofangreinds samanburðar haustið 1988 er ekki einhlít, rennsli mælist ýmist meira eða minna en vænt hefði verið út frá vatnsviðsgreiningu þeirri, sem sett er fram hér á undan. Frávik eru nokkur, frá 28 % undir til 61 % yfir því sem áætlað var.

Eldri vetrarmælingar neðan Heiðarvatns gefa það til kynna, sem vart þarf að koma á óvart, að miðlunaráhrif gera hlut Heiðarvatns miklu meiri á veturna en hlutföll vatnsviða gefa til kynna um rennslið. Ber að hafa þetta í huga þegar vetrarrennslisröðum er skoðað, þar er ekki tekið tillit til þessa.

Í heild sannast hér hið fornkvæðna, að ekki-ert getur komið fullkomlega í stað gagna frá vatnshæðarmæli á viðkomandi stað.

HEIMILDIR

Árni Snorrason 1983: Rennslisgreining og lenging rennslisraða. Tölfræðileg aðferðafræði. Orkustofnun, OS-83081/VOD-09, 30 s.

Flosi Hrafn Sigurðsson 1987: Vandamál við úrkumumælingar og samanburður úrkumumæla á Íslandi. I: Vatnið og landið, ágrip erinda. Vatnafræðiráðstefna í Reykjavík 22.-23. október 1987. Orkustofnun OS-87040/VOD-04. s. 47-49.

Gunnar Þorbergsson 1988: Áætlun um kortagerð á Fjarðarheiði. Orkustofnun, greinargerð GP-88/05, 2 s.

Kristinn Einarsson 1988a: FJARÐARÁRVIRKJUN. Minnisblað um nauðsynlegar rannsóknir og um kortagerð vegna rennslisáætlana. Orkustofnun, greinargerð KE-88/01, 1 s.

Kristinn Einarsson 1988b: FJARÐARÁRVIRKJUN. GREINARGERÐ TIL BRÁÐABIRGÐA um rennsli við vatnshæðarmæla og til virkjunar. Orkustofnun, greinargerð KE-88/02, 16 s.

Markús Á. Einarsson 1976: Veðurfar á Íslandi. Iðunn, Reykjavík. 150 s.

Veðurstofa Íslands: Veðráttan (útg. frá 1924). Mánaðar- og ársyfirlit samið á Veðurstofunni. ISSN 0258-3836.

Verkfræðistofa Sigurðar Thoroddsen sf. 1976: Virkjun Fjarðarár I. Drög að áætlun. Skýrsla samin fyrir Orkustofnun. OS-ROD-7613, VST 75.088. 54 s.

VIÐAUKI A

1. Vhm 47 Miðhúsaá. Mælt rennsli vatnsárin 1950/83, nýr lykill.
2. Vhm 83 Fjarðará. Reiknað rennsli vatnsárin 1950/57, mælt rennsli 1958/83, nýr lykill.
3. Miðhúsaá, stíflustæði. 67,9 % af rennsli við vhm 47.
4. Heiðarvatn. 22,3 % af rennsli við vhm 83.
5. Vatnshæðará. 19,8 % af rennsli við vhm 83.
6. Þverárveita II (má miðla). 10,5 % af rennsli við vhm 83.
7. Þverárveita I (í inntakslón). 11,4 % af rennsli við vhm 83.
8. Inntakslón sjálft. 7,3 % af rennsli við vhm 83.
9. Stafdalsá. 9,1 % af rennsli við vhm 83.
10. Miðlað rennsli, tilvik I. Miðhúsaárveita, Heiðarvatn og Vatnshæðará.
11. Ómiðlað rennsli, tilvik I. Þverárveiturnar báðar auk inntakslóns.
12. Tilvik II (miðlað rennsli). Miðhúsaárveita, Heiðarvatn, Vatnshæðará og Þverárveita II.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
2.4	1.6	.5	1.3	4.1	.4	.2	.1	.0	.0	.0	.6	.0	
.0	.0	.0	.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	.5	.5	.6	.2	.5	.2	.1	.4	.1	.2	
.2	.2	.0	.5	.6	2.4	2.7	1.4	3.9	3.7	3.5	1.0	1.1	30.7 1951
1.0	.4	.4	2.9	.8	.3	.2	.3	.5	.1	.1	.2	.1	
.3	.6	.1	.2	.6	.7	2.5	5.1	3.1	1.0	.8	.7	.8	23.7 1952
.6	2.6	.9	.8	2.8	2.0	.9	3.1	.4	.2	.3	.1	.7	
.1	.4	1.0	.4	.4	3.4	5.4	1.4	1.3	1.3	.8	.9	.6	32.6 1953
1.8	.8	.6	.2	.3	.6	1.6	.3	.2	.2	.1	.0	.2	
.0	.0	.2	1.2	.7	.3	5.1	2.8	3.2	2.2	.9	.3	.3	24.5 1954
.2	.6	.2	.2	.2	.6	.3	.1	.1	.1	.7	1.3	.2	
.6	1.0	.8	.4	.3	1.2	4.7	4.4	1.9	1.0	1.1	.6	.3	23.4 1955
.1	.5	.3	.4	2.6	1.8	.2	.2	.6	.2	.2	.0	.0	
.0	.3	1.0	.6	.8	1.0	4.4	2.8	2.7	1.3	.8	.5	.3	23.9 1956
.6	.6	.6	.3	.2	.3	.7	.4	.1	.0	.4	.0	.0	
.0	.0	.6	.7	.3	.1	.5	3.4	3.5	1.7	.6	.4	.7	17.0 1957
.5	.3	1.8	.6	.6	.5	.3	.0	.3	.1	.2	1.0	.8	
.8	1.0	.5	.2	.6	4.3	2.4	1.2	1.3	.6	.3	.6	.7	21.8 1958
.2	.8	.4	1.7	.3	.4	1.9	1.2	.3	.5	.1	.5	.1	
.3	.6	.4	.5	1.3	4.1	4.0	3.1	2.4	.8	1.4	.6	.4	28.3 1959
.4	.1	.2	.3	.2	2.9	.4	.5	.3	.3	.4	.2	.7	
.7	.3	.1	.3	1.4	4.2	3.4	2.6	1.6	1.5	1.1	.7	1.4	26.2 1960
1.6	2.7	1.3	2.9	.6	1.2	.3	1.2	.2	.2	.2	.1	.1	
.0	.0	.0	.9	1.4	1.0	4.1	4.5	3.1	2.2	1.1	.5	.7	32.1 1961
.7	.5	1.7	.2	.1	.2	.1	.4	.4	.0	.0	.0	.1	
.4	.5	.2	.7	.8	1.0	4.9	3.2	2.0	.9	1.3	.4	.3	21.4 1962
.2	.2	.6	.7	1.1	.1	.8	.1	.2	.5	.5	.4	.3	
.4	2.4	.5	.2	.8	2.7	1.1	1.3	1.4	.9	.6	.6	1.4	19.9 1963
.8	.9	1.1	.4	.3	.3	.1	.1	.1	.0	.0	.2	.2	
.2	.1	.2	.3	.5	.7	5.4	2.2	1.5	.9	.4	.3	.3	17.7 1964
.5	.3	.5	.5	.6	.2	.0	.6	.2	.8	.1	.0	.0	
.0	.0	.0	.1	.2	.9	3.3	7.5	3.7	2.5	1.1	1.3	.8	26.1 1965
1.5	.4	.2	.3	.3	.7	.2	.0	.0	.2	.4	.2	.4	
.0	.0	.0	.7	.5	.5	1.4	6.5	3.2	3.1	1.5	1.1	1.2	24.8 1966
.5	.5	.4	.5	.3	.3	.4	.4	.1	.0	.0	.0	.2	
.2	.0	.0	.9	.4	.3	5.0	3.8	1.7	1.7	1.1	.4	1.6	21.1 1967
1.0	.7	.4	1.1	.8	5.1	.4	.8	.2	.0	.2	.0	.1	
.0	.3	.2	.4	.2	.5	3.8	5.2	2.9	1.8	2.4	.9	.3	30.0 1968
.2	.1	.6	.6	.2	.1	.0	.4	.3	.4	1.3	.4	.2	
.1	.1	.0	.0	.7	2.8	3.4	6.3	2.9	1.8	1.0	.8	.5	25.5 1969
1.0	3.0	.7	1.8	.2	.1	.2	1.0	.3	.2	.1	.1	.7	
.5	.2	.2	.4	1.1	2.4	3.7	1.5	1.9	2.2	.9	.4	.4	25.3 1970
1.4	.5	1.3	.9	1.2	.4	.6	.6	.1	1.5	.7	.2	.8	
.6	.6	.2	.4	1.2	4.1	4.5	4.0	3.4	3.0	1.2	.8	.7	34.9 1971
.5	.6	.4	.2	1.7	.2	.3	.7	2.4	1.3	.9	.1	.0	
.1	.5	.2	.6	.4	.7	1.8	3.2	6.4	4.4	1.4	1.1	1.6	31.7 1972
1.2	.4	.4	.3	.5	.2	.1	.0	.0	.8	.2	.1	.8	
.5	.3	2.5	2.6	2.1	6.1	4.3	4.7	2.4	1.7	1.5	.9	2.5	37.2 1973
1.5	.9	.3	1.3	1.3	.4	.2	.0	.0	.0	.0	.0	.2	
.2	.1	.1	.3	.5	1.1	4.1	4.1	7.5	3.9	2.9	1.6	.4	33.3 1974
.2	.2	1.2	1.9	.9	.3	.2	.1	.2	.0	.0	.6	1.9	
1.4	.7	.1	.7	.8	2.0	5.9	3.1	1.5	.8	.5	.3	.2	25.5 1975
.0	.1	.8	4.7	2.4	1.0	.1	.1	.1	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.6	5.0	5.6	5.9	3.7	1.2	.9	.4	33.0 1976
.4	.3	.5	2.8	.6	.1	.5	.7	.2	.1	.4	.2	.0	
.0	.0	.2	.2	.5	2.9	4.3	4.8	2.7	2.5	2.3	1.0	1.3	29.6 1977
1.5	1.1	.6	.3	.5	.2	1.2	2.2	.1	.1	.1	.0	.8	
.1	.0	.0	.4	.2	.0	1.2	7.8	5.4	3.2	1.6	1.2	1.1	31.2 1978
1.4	.4	1.7	1.8	.8	.2	.1	.5	.1	.4	.2	.1	.2	
.2	.2	.3	.4	1.2	6.3	3.6	4.3	2.4	1.5	.8	.7	.4	30.2 1979
.5	1.2	.7	.2	1.7	.3	.1	.1	.0	.0	.2	.1	.8	
.2	.1	.7	.9	.4	2.8	2.2	2.7	3.9	2.7	2.5	1.3	1.0	27.3 1980
1.6	2.4	.3	.2	.6	.4	.5	.2	.2	.2	.1	.5	.5	
.4	.3	.2	.7	.7	2.9	3.0	4.3	4.0	3.6	2.8	1.1	1.4	33.1 1981
.8	.9	1.6	1.2	1.5	.3	.1	.1	.2	.0	1.2	.0	.4	
.6	.3	.1	.1	.2	.8	4.9	6.8	3.4	2.2	1.3	.6	.9	29.8 1982
.3	.9	.4	.3	.3	.2	.4	.2	.2	.1	.2	.3	.9	
.4	.3	.3	.3	1.9	3.4	6.5	4.6	2.4	1.5	.7	.4	.4	27.7 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.9	.9	.7	1.0	.9	.7	.4	.5	.3	.3	.3	.2	.4
.3	.3	.3	.5	.7	2.0	3.6	3.8	3.2	2.1	1.4	.8	.8

Meðalrennsli 34 ára: .87 m3/s

Vatnsvið: 17.9 km2

Meðalafrennsli: 48.8 l/s*km2

LYSING: Nýr lykill desember 1988, mælt rennsli vatnsárin 1950/83

Rennsli (Gl/2vikum)												Ársrennsli (Gl)			
7.2	5.3	1.9	3.8	11.0	2.7	.7	.4	.2	.2	.3	1.8	.8			
.3	.0	.0	.2	1.1	4.4	11.0	8.5	19.0	14.8	10.0	6.1	7.3	118.8	1950	
7.5	8.5	5.6	2.6	2.0	1.9	.6	1.4	.7	.5	1.4	.8	1.3			
.8	.7	.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	.9	.7	1.4	.7	.7	1.0	.8			
1.7	2.3	.6	.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	.9	2.2			
.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	.8	.7	1.9	4.4	1.5	1.0	.7	.6	.5	.8			
.6	.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	.7	.7	2.2	1.2	.3	.5	.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	.7	2.0	1.3	.8	.5	.4			
.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	.6	1.2	2.2	1.2	.5	.3	1.5	.7	.4			
.2	.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	.9	9.7	2.9	1.7	2.5	1.0	1.5	2.4	1.0	.7	2.9	3.0			
3.8	3.5	1.6	.9	3.0	15.9	12.2	7.1	8.7	4.3	2.5	3.4	2.8	102.1	1958	
.7	4.0	1.9	5.1	1.9	2.4	7.8	3.5	1.3	2.0	.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	.9	5.2			
3.6	1.1	.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	.9	.5	1.0	.6	.6	.4	.4	.6			
.5	.5	.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	.8	.4	.4	.6			
1.8	1.6	.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	.4	3.0	.7	1.4	1.2	1.7	1.4	1.4			
2.1	8.9	2.2	.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	.9	.7	.5	.6	.6	.4	4.0	1.1			
.6	.4	.6	.5	.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	.9	.4	2.6	1.3	1.3	.3	.2	.2			
.2	.2	.1	.2	.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	.9	2.0	.8	.3	.2	1.3	.7	.4	.6			
.3	.3	.3	3.3	.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	.8	1.8	1.5	2.0	.7	.5	.4	.3	.8			
1.0	.4	.2	1.8	.9	.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	.5	.3	.4	.4	.4			
.4	.5	.6	1.4	.5	2.1	12.5	17.7	15.5	9.7	12.2	6.9	1.7	117.2	1968	
1.1	.6	2.9	3.2	.8	.6	.3	.9	.8	.6	4.1	.9	.4			
.4	.5	.4	.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	.6	.4	1.0	4.6	.7	1.3	.6	.6	3.9			
1.3	.6	.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	.5	5.8	1.6	.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	.9	4.6	.4	.8	3.7	10.1	4.1	2.0	.6	1.0			
.8	1.1	1.7	1.8	.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	.7	1.6	.8	.5	.4	.5	1.2	.5	.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	.9	3.4	3.7	1.0	.7	.4	.5	.4	.4	.4	.7			
.8	.5	.5	.7	2.1	3.0	9.0	9.9	19.2	14.7	11.3	7.1	3.5		102.0	1974
1.0	.8	2.8	3.8	2.5	1.4	.7	.5	.7	.4	.4	4.0	7.2			
4.7	2.2	.9	2.9	2.0	6.4	17.9	14.6	9.3	5.2	2.6	1.5	1.2	97.4	1975	
.3	1.2	4.1	14.0	7.1	4.5	1.0	.5	.6	.6	.6	.5	.5			
.6	.5	.4	.3	.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	.8	2.7	1.8	.6	.4	2.2	.5	.3			
.3	.3	.5	.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	.8	.8	.8	1.3			
.7	.5	.5	1.0	.9	.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	.7	2.0	1.3	1.3	.7	.6	1.0			
.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	.8	.5	.5	.5	.8	.7	1.4			
1.1	.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	.9	.7	.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	.7	.6	.7	.5	1.7	.8	1.1			
2.0	.8	.5	.5	.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	.9	.8	1.1	1.7	1.0	.6	.4	.5	.7	1.4			
.7	.5	.9	1.3	5.1	8.9	15.6	16.1	11.5	8.8	4.6	2.8	2.1	94.1	1983	

Meðalrennsli 34 ára: 3.40 m³/s

MQ (Gl/ári)

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	

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
1.6	1.1	.3	.9	2.8	.3	.1	.0	.0	.0	.0	.4	.0	
.0	.0	.0	.0	.0	.7	2.2	1.3	4.1	2.5	1.5	.8	1.4	22.4 1950
1.5	1.8	.7	.4	.4	.4	.1	.3	.1	.1	.3	.1	.1	
1	.1	.0	.3	.4	1.6	1.9	1.0	2.7	2.5	2.4	.7	.7	20.8 1951
.7	.3	.3	2.0	.5	.2	.1	.2	.3	.1	.0	.1	.1	
.2	.4	.1	.1	.4	.5	1.7	3.5	2.1	.7	.5	.5	.5	16.1 1952
.4	1.7	.6	.5	1.9	1.3	.6	2.1	.2	.1	.2	.0	.5	
.0	.3	.7	.3	.3	2.3	3.7	1.0	.9	.9	.5	.6	.4	22.2 1953
1.2	.6	.4	.2	.2	.4	1.1	.2	.1	.1	.1	.0	.1	
.0	.0	.2	.8	.4	.2	3.5	1.9	2.1	1.5	.6	.2	.2	16.6 1954
.1	.4	.2	.2	.2	.4	.2	.0	.1	.0	.5	.9	.1	
.4	.7	.6	.3	.2	.8	3.2	3.0	1.3	.7	.7	.4	.2	15.9 1955
.1	.3	.2	.2	1.8	1.2	.2	.1	.4	.1	.1	.0	.0	
.0	.2	.7	.4	.6	.7	3.0	1.9	1.8	.9	.5	.3	.2	16.2 1956
.4	.4	.4	.2	.1	.2	.5	.2	.1	.0	.3	.0	.0	
.0	.0	.4	.5	.2	.0	.4	2.3	2.4	1.1	.4	.3	.5	11.5 1957
.3	.2	1.2	.4	.4	.2	.2	.0	.2	.0	.2	.7	.5	
.6	.6	.4	.2	.4	3.0	1.6	.8	.9	.4	.2	.4	.5	14.8 1958
.1	.5	.3	1.1	.2	.3	1.3	.8	.2	.4	.1	.3	.1	
.2	.4	.3	.3	.9	2.8	2.7	2.1	1.6	.5	.9	.4	.3	19.2 1959
.3	.1	.1	.2	.2	2.0	.2	.4	.2	.2	.3	.1	.5	
.5	.2	.0	.2	.9	2.8	2.3	1.8	1.1	1.0	.7	.5	.9	17.8 1960
1.1	1.8	.9	2.0	.4	.8	.2	.8	.1	.1	.1	.0	.1	
.0	.0	.0	.6	1.0	.7	2.8	3.0	2.1	1.5	.7	.3	.5	21.8 1961
.5	.3	1.1	.1	.0	.2	.1	.3	.3	.0	.0	.0	.1	
.3	.3	.1	.5	.5	.7	3.3	2.2	1.4	.6	.9	.3	.2	14.5 1962
.2	.2	.4	.5	.7	.0	.5	.1	.1	.4	.3	.3	.2	
.3	1.6	.4	.1	.5	1.8	.8	.9	.9	.6	.4	.4	.9	13.5 1963
.6	.6	.8	.3	.2	.2	.0	.1	.0	.0	.0	.1	.1	
.2	.0	.1	.2	.3	.5	3.7	1.5	1.0	.6	.3	.2	.2	12.0 1964
.4	.2	.3	.3	.4	.2	.0	.4	.1	.6	.0	.0	.0	
.0	.0	.0	.0	.1	.6	2.2	5.1	2.5	1.7	.7	.9	.6	17.7 1965
1.0	.3	.2	.2	.2	.5	.2	.0	.0	.1	.3	.1	.3	
.0	.0	.0	.4	.3	.4	1.0	4.4	2.2	2.1	1.0	.7	.8	16.8 1966
.4	.3	.3	.3	.2	.2	.2	.3	.0	.0	.0	.0	.1	
.1	.0	.0	.6	.3	.2	3.4	2.6	1.2	1.2	.8	.3	1.1	14.3 1967
.7	.5	.3	.7	.6	3.5	.3	.5	.1	.0	.1	.0	.0	
.0	.2	.1	.3	.2	.3	2.6	3.5	2.0	1.2	1.6	.6	.2	20.4 1968
.2	.0	.4	.4	.1	.0	.0	.3	.2	.3	.9	.3	.1	
.0	.0	.0	.0	.5	1.9	2.3	4.3	2.0	1.2	.7	.5	.3	17.3 1969
.7	2.0	.5	1.2	.2	.1	.1	.7	.2	.1	.1	.0	.5	
.3	.1	.1	.3	.7	1.6	2.5	1.0	1.3	1.5	.6	.3	.3	17.2 1970
.9	.3	.9	.6	.8	.3	.4	.4	.0	1.0	.5	.1	.6	
.4	.4	.1	.2	.8	2.8	3.0	2.7	2.3	2.0	.8	.5	.5	23.7 1971
.3	.4	.3	.2	1.1	.1	.2	.5	1.6	.9	.6	.0	.0	
.0	.3	.2	.4	.3	.5	1.2	2.2	4.3	3.0	1.0	.8	1.1	21.6 1972
.8	.3	.3	.2	.4	.1	.0	.0	.0	.5	.1	.0	.5	
.4	.2	1.7	1.7	1.4	4.1	2.9	3.2	1.6	1.1	1.0	.6	1.7	25.2 1973
1.0	.6	.2	.9	.9	.3	.2	.0	.0	.0	.0	.0	.2	
.1	.1	.0	.2	.4	.7	2.8	2.8	5.1	2.7	2.0	1.1	.2	22.6 1974
.1	.1	.1	.8	1.3	.6	.2	.1	.0	.0	.0	.4	1.3	
1.0	.5	.1	.4	.5	1.4	4.0	2.1	1.0	.5	.3	.2	.1	17.3 1975
.0	.0	.6	3.2	1.6	.7	.1	.1	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.4	3.4	3.8	4.0	2.5	.8	.6	.2	22.4 1976
.2	.2	.4	1.9	.4	.0	.3	.5	.1	.0	.3	.1	.0	
.0	.0	.2	.1	.3	2.0	2.9	3.2	1.9	1.7	1.6	.7	.9	20.1 1977
1.0	.7	.4	.2	.4	.1	.8	1.5	.0	.0	.0	.0	.5	
.0	.0	.0	.3	.1	.0	.8	5.3	3.7	2.2	1.1	.8	.7	21.2 1978
.9	.3	1.2	1.2	.6	.1	.0	.3	.0	.3	.1	.0	.1	
.1	.1	.2	.3	.8	4.2	2.4	2.9	1.7	1.0	.6	.5	.3	20.5 1979
.4	.8	.5	.2	1.1	.2	.0	.0	.0	.0	.1	.0	.5	
.1	.0	.5	.6	.3	1.9	1.5	1.8	2.6	1.9	1.7	.9	.7	18.5 1980
1.1	1.7	.2	.2	.4	.3	.4	.2	.1	.1	.0	.3	.3	
.2	.2	.2	.5	.5	1.9	2.0	2.9	2.7	2.5	1.9	.7	1.0	22.5 1981
.5	.6	1.1	.8	1.0	.2	.0	.0	.1	.0	.8	.0	.3	
.4	.2	.0	.0	.1	.2	.5	3.3	4.6	2.3	1.5	.9	.4	20.2 1982
.2	.6	.3	.2	.2	.2	.3	.2	.1	.0	.1	.2	.6	
.3	.2	.2	.2	1.3	2.3	4.4	3.1	1.7	1.0	.5	.3	.3	18.8 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.6	.6	.5	.7	.6	.5	.3	.4	.2	.2	.2	.2	.3	
.2	.2	.2	.3	.5	1.4	2.4	2.6	2.2	1.4	.9	.5	.6	18.6

Meðalrennsli 34 ára: .59 m3/s

Vatnasvið: 11.6 km2

Meðalafrennsli: 51.1 l/s*km2

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
1.6	1.2	.4	.8	2.4	.6	.2	.0	.0	.0	.4	.2		
.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	.6	.5	.4	.1	.3	.2	.1	.3	.2	.3	
.2	.1	.0	.4	.4	1.8	2.0	1.6	3.0	2.9	3.0	1.3	1.0	25.5 1951
1.0	.4	.3	1.8	.8	.4	.2	.2	.3	.2	.2	.2	.2	
.4	.5	.1	.2	.5	.7	2.0	3.7	3.1	1.7	1.3	1.2	.9	22.3 1952
.8	1.7	.8	.7	1.6	1.4	.8	2.0	.6	.3	.3	.2	.5	
.2	.3	.6	.5	.4	2.4	3.9	2.0	1.6	1.6	1.2	1.0	.9	28.2 1953
1.2	.6	.5	.2	.2	.4	1.0	.3	.2	.2	.1	.1	.2	
.1	.0	.3	.8	.6	.5	3.3	2.6	2.8	2.5	1.7	1.0	.8	22.2 1954
.5	.5	.2	.2	.2	.5	.3	.0	.1	.1	.5	.9	.3	
.5	.7	.6	.4	.4	1.0	3.1	3.5	2.3	1.7	1.4	1.0	.5	21.2 1955
.4	.5	.3	.3	1.7	1.4	.4	.2	.4	.3	.2	.1	.0	
.0	.2	.7	.6	.7	.9	3.0	2.6	2.5	1.7	1.3	1.0	.6	22.0 1956
.5	.5	.5	.2	.1	.3	.5	.3	.1	.0	.3	.2	.1	
.0	.0	.4	.5	.3	.2	.8	2.5	2.9	2.1	1.1	.7	.8	16.1 1957
.5	.2	2.2	.7	.4	.5	.2	.3	.5	.2	.2	.7	.7	
.9	.8	.4	.2	.7	3.5	2.7	1.6	1.9	1.0	.6	.8	.6	22.8 1958
.2	.9	.4	1.1	.4	.5	1.7	.8	.3	.4	.2	1.0	.2	
.4	.7	.3	.4	1.4	3.0	3.3	2.9	3.4	1.5	2.2	.7	.4	28.7 1959
.6	.2	.4	.5	.3	2.1	.2	.6	.3	.5	.3	.2	1.2	
.8	.2	.2	.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	.3	.2	.1	.2	.1	.1	.1	.1	.1	
.1	.1	.2	.9	1.0	.8	2.8	2.9	2.1	1.8	1.4	.7	1.0	24.6 1961
1.2	.8	1.8	.3	.3	.6	.3	.4	.3	.2	.1	.0	.1	
.4	.3	.2	.3	.5	.9	3.7	3.3	2.6	1.1	1.6	.5	.4	22.5 1962
.3	.3	.6	.7	.9	.0	.7	.2	.3	.3	.4	.3	.3	
.5	2.0	.5	.1	.6	2.0	1.2	1.4	2.0	1.1	.8	.4	1.1	19.0 1963
.6	.7	.7	.3	.3	.2	.2	.1	.1	.1	.1	.9	.2	
.1	.1	.1	.1	.2	.3	3.3	2.2	2.1	1.7	.7	.5	.6	16.4 1964
.4	.3	.3	.5	.3	.2	.1	.6	.3	.3	.0	.0	.0	
.0	.0	.0	.0	.0	1.1	2.6	4.8	3.2	2.6	1.4	1.2	.8	21.3 1965
1.3	.6	.3	.2	.2	.4	.2	.0	.0	.3	.1	.0	.1	
.0	.0	.0	.7	.2	.3	1.2	4.3	2.5	3.1	1.7	1.2	1.5	20.8 1966
.6	.7	.4	.3	.2	.4	.3	.5	.2	.1	.1	.0	.2	
.2	.0	.0	.4	.2	.2	3.3	3.0	1.6	2.3	1.9	.6	.9	18.7 1967
1.0	.7	.3	.9	.7	3.2	.3	.5	.1	.0	.0	.0	.0	
.0	.1	.1	.3	.1	.5	2.8	3.9	3.5	2.2	2.7	1.5	.4	26.1 1968
.2	.1	.6	.7	.2	.1	.0	.2	.2	.1	.9	.2	.1	
.0	.1	.1	.1	1.0	2.2	2.4	4.5	3.2	1.7	1.5	1.0	.7	22.5 1969
.7	2.0	.6	.9	.1	.1	.2	1.0	.2	.3	.1	.1	.9	
.3	.1	.1	.3	.9	1.6	2.7	1.7	2.2	2.5	1.0	.5	.5	21.7 1970
1.2	.4	.6	.6	1.0	.4	.3	.2	.1	1.3	.4	.1	.6	
.4	.4	.2	.5	.8	3.2	3.4	3.1	3.5	3.0	1.7	.9	.8	29.2 1971
.5	.8	.4	.2	1.0	.0	.2	.8	2.2	.9	.4	.1	.2	
.2	.2	.4	.4	.2	.5	1.3	2.5	3.9	3.8	2.1	1.4	1.2	26.0 1972
1.1	.6	.6	.2	.4	.2	.1	.0	.1	.3	.1	.1	.3	
.4	.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	.6	.2	.8	.8	.2	.2	.1	.1	.1	.0	.1	.1	
.2	.1	.1	.2	.5	.7	2.0	2.2	4.3	3.3	2.5	1.6	.8	22.8 1974
.2	.2	.6	.8	.6	.3	.1	.1	.2	.1	.1	.9	1.6	
1.0	.5	.2	.6	.4	1.4	4.0	3.2	2.1	1.2	.6	.3	.3	21.7 1975
.0	.3	.9	3.1	1.6	1.0	.2	.1	.1	.1	.1	.1	.1	
.1	.1	.0	.0	.0	.6	3.4	3.6	4.1	4.4	2.4	1.6	.7	29.1 1976
.4	.5	.4	2.1	.5	.2	.6	.4	.1	.1	.5	.1	.0	
.0	.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	.9	.6	.4	.5	.2	.9	1.4	.3	.2	.2	.2	.3	
.2	.1	.1	.2	.2	.1	1.2	4.1	3.2	2.9	2.2	1.7	.9	24.1 1978
1.0	.3	1.4	1.4	.8	.2	.1	.5	.3	.3	.2	.1	.2	
.2	.3	.4	.4	1.0	3.4	2.4	3.6	2.5	1.7	1.4	1.1	.6	25.9 1979
.7	1.3	.7	.2	1.0	.2	.2	.1	.1	.1	.2	.2	.3	
.2	.1	.4	.5	.2	1.7	1.7	2.0	3.2	2.6	2.4	1.8	1.3	23.7 1980
1.3	2.2	.3	.3	.4	.4	.6	.3	.2	.2	.1	.4	.3	
.3	.2	.2	.5	.6	1.8	1.9	2.9	3.4	3.8	3.8	1.9	1.6	29.9 1981
.8	.8	1.5	1.0	1.1	.3	.1	.1	.2	.1	.4	.2	.2	
.4	.2	.1	.1	.1	.2	.7	2.7	4.2	2.8	2.3	1.6	.9	23.1 1982
.2	.8	.3	.2	.2	.2	.4	.2	.1	.1	.1	.2	.3	
.2	.1	.2	.3	1.1	2.0	3.5	3.6	2.6	2.0	1.0	.6	.5	21.0 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.8	.8	.7	.7	.6	.5	.4	.4	.3	.2	.2	.3	.3
.3	.3	.3	.4	.6	1.4	2.6	2.9	2.9	2.3	1.7	1.1	.9

Meðalrennsli 34 ára: .76 m3/s

Vatnasvið: 10.7 km2

Meðalafrénnslí: 70.8 l/s*km2

LÝSING: Rennslisláttun OS-88069/15B. 1950/83.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
1.4	1.1	.4	.7	2.2	.5	.1	.0	.0	.0	.0	.4	.2	
.0	.0	.0	.0	.2	.9	2.2	1.7	3.8	2.9	2.0	1.2	1.4	23.5 1950
1.5	1.7	1.1	.5	.4	.4	.1	.3	.1	.1	.3	.2	.3	
.2	.1	.0	.3	.4	1.6	1.8	1.4	2.6	2.6	2.6	1.2	.9	22.7 1951
.9	.4	.3	1.6	.7	.3	.2	.1	.3	.1	.1	.2	.2	
.3	.4	.1	.1	.5	.6	1.8	3.3	2.8	1.5	1.1	1.0	.8	19.8 1952
.7	1.5	.7	.6	1.5	1.3	.7	1.7	.5	.2	.3	.2	.4	
.2	.3	.6	.4	.3	2.1	3.4	1.8	1.5	1.4	1.0	.9	.8	25.1 1953
1.1	.5	.4	.2	.1	.4	.9	.3	.2	.1	.1	.1	.2	
.1	.0	.2	.7	.5	.4	3.0	2.3	2.4	2.2	1.5	.9	.7	19.7 1954
.4	.5	.2	.1	.1	.4	.2	.0	.1	.0	.4	.8	.3	
.5	.7	.5	.3	.3	.9	2.7	3.1	2.0	1.5	1.2	.8	.4	18.8 1955
.3	.5	.3	.3	1.5	1.3	.3	.1	.4	.2	.2	.1	.0	
.0	.2	.6	.5	.6	.8	2.7	2.3	2.2	1.5	1.2	.8	.5	19.6 1956
.5	.4	.5	.2	.1	.2	.4	.2	.1	.0	.3	.1	.0	
.0	.0	.4	.5	.3	.2	.7	2.2	2.6	1.8	.9	.6	.7	14.3 1957
.4	.2	1.9	.6	.3	.5	.2	.3	.5	.2	.1	.6	.6	
.8	.7	.3	.2	.6	3.1	2.4	1.4	1.7	.8	.5	.7	.6	20.2 1958
.1	.8	.4	1.0	.4	.5	1.6	.7	.3	.4	.1	.9	.2	
.4	.6	.2	.4	1.2	2.7	3.0	2.6	3.0	1.3	2.0	.6	.4	25.5 1959
.5	.2	.4	.4	.2	1.9	.2	.5	.3	.5	.3	.2	1.0	
.7	.2	.2	.5	1.2	2.7	2.5	2.7	2.2	2.2	1.6	.9	1.7	25.9 1960
1.6	1.8	1.3	1.8	.3	.2	.1	.2	.1	.1	.0	.0	.1	
.1	.1	.1	.8	.9	.7	2.5	2.6	1.9	1.6	1.2	.6	.9	21.8 1961
1.1	.7	1.6	.3	.3	.5	.3	.3	.3	.2	.0	.0	.1	
.3	.3	.1	.3	.5	.8	3.3	3.0	2.3	1.0	1.4	.5	.3	19.9 1962
.3	.2	.6	.6	.8	.0	.6	.1	.3	.2	.3	.3	.3	
.4	1.8	.4	.1	.6	1.8	1.0	1.3	1.8	1.0	.7	.4	.9	16.9 1963
.5	.6	.6	.2	.3	.2	.1	.1	.1	.1	.0	.8	.2	
.1	.0	.1	.1	.2	.2	2.9	1.9	1.9	1.5	.6	.4	.5	14.5 1964
.4	.3	.3	.4	.3	.2	.0	.5	.3	.3	.0	.0	.0	
.0	.0	.0	.0	.0	.9	2.3	4.2	2.8	2.3	1.3	1.1	.7	18.9 1965
1.2	.5	.2	.2	.2	.4	.2	.0	.0	.3	.1	.0	.1	
.0	.0	.0	.7	.2	.2	1.0	3.8	2.2	2.7	1.5	1.1	1.4	18.5 1966
.5	.7	.4	.2	.2	.4	.3	.4	.1	.1	.0	.0	.1	
.2	.0	.0	.4	.2	.2	2.9	2.6	1.4	2.1	1.7	.5	.8	16.6 1967
.9	.6	.3	.8	.7	2.8	.3	.4	.1	.0	.0	.0	.0	
.0	.1	.1	.3	.1	.4	2.5	3.5	3.1	1.9	2.4	1.4	.3	23.2 1968
.2	.1	.6	.6	.2	.1	.0	.2	.2	.1	.8	.2	.0	
.0	.1	.0	.0	.9	2.0	2.1	4.0	2.9	1.5	1.3	.9	.6	20.0 1969
.6	1.8	.5	.8	.1	.0	.2	.9	.1	.3	.1	.1	.8	
.3	.1	.1	.3	.8	1.4	2.4	1.5	2.0	2.2	.9	.5	.4	19.3 1970
1.1	.3	.5	.5	.9	.4	.3	.2	.1	1.1	.3	.1	.5	
.3	.4	.2	.4	.7	2.8	3.0	2.8	3.1	2.7	1.5	.8	.7	25.9 1971
.4	.7	.4	.2	.9	.0	.2	.7	2.0	.8	.4	.1	.2	
.2	.2	.3	.4	.2	.4	1.1	2.2	3.4	3.3	1.9	1.2	1.1	23.1 1972
1.0	.5	.5	.1	.3	.2	.1	.0	.1	.2	.1	.1	.3	
.4	.2	1.9	1.5	1.0	3.1	2.8	2.9	1.9	1.5	1.4	.9	1.2	24.5 1973
.9	.5	.2	.7	.7	.2	.1	.0	.1	.0	.0	.0	.1	
.1	.1	.1	.1	.4	.6	1.8	2.0	3.8	2.9	2.2	1.4	.7	20.2 1974
.2	.2	.6	.7	.5	.3	.1	.1	.1	.0	.0	.8	1.4	
.9	.4	.2	.6	.4	1.3	3.6	2.9	1.8	1.0	.5	.3	.2	19.3 1975
.0	.2	.8	2.8	1.4	.9	.2	.1	.1	.1	.1	.1	.1	
.1	.1	.0	.0	.0	.6	3.0	3.2	3.6	3.9	2.1	1.4	.6	25.9 1976
.4	.5	.3	1.9	.5	.2	.5	.4	.1	.0	.4	.1	.0	
.0	.0	.1	.0	.7	1.7	2.6	3.1	2.5	2.8	2.6	1.6	1.6	24.8 1977
.9	.8	.5	.4	.4	.2	.8	1.2	.2	.2	.1	.1	.3	
.1	.1	.1	.2	.2	.1	1.1	3.6	2.9	2.5	1.9	1.5	.8	21.4 1978
.9	.3	1.2	1.3	.7	.2	.1	.4	.3	.3	.1	.1	.2	
.1	.3	.3	.4	.9	3.0	2.1	3.2	2.2	1.5	1.3	1.0	.5	23.0 1979
.6	1.2	.6	.2	.9	.2	.2	.1	.1	.1	.2	.1	.3	
.2	.1	.3	.5	.2	1.5	1.5	1.8	2.8	2.3	2.1	1.6	1.1	21.0 1980
1.2	2.0	.3	.2	.3	.3	.3	.5	.3	.2	.1	.1	.3	
.3	.2	.2	.5	.5	1.6	1.7	2.6	3.0	3.4	3.4	1.7	1.4	26.6 1981
.7	.7	1.3	.9	1.0	.2	.1	.1	.1	.1	.3	.2	.2	
.4	.2	.1	.1	.2	.6	2.4	3.7	2.5	2.0	1.4	.8	20.5 1982	
.2	.7	.3	.2	.2	.2	.3	.2	.1	.0	.1	.1	.3	
.1	.1	.2	.3	1.0	1.8	3.1	3.2	2.3	1.7	.9	.6	.4	18.6 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.7	.7	.6	.7	.6	.5	.3	.3	.2	.2	.2	.2	.3
.2	.3	.3	.4	.5	1.3	2.3	2.6	2.5	2.1	1.5	1.0	.8

Meðalrennsli 34 ára: .67 m³/s

Vatnsvið: 9.1 km²

Meðalafrennsli: 74.3 l/s*km²

LÝSING: Rennslisámtun OS-88069/15B. 1950/83.

ORKUSTOFNUN VOD 24-Jan. -89
Áætlanadeild

Skrá: fjardara.ren
Rennslisröð nr. 6: þverárveita II. Vhm 83 * 0.105.

Tímabil: 1950-1983
34 Vatnsár

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
.8	.6	.2	.4	1.2	.3	.0	.0	.0	.0	.2	.0		
.0	.0	.0	.0	.1	.5	1.2	.9	2.0	1.6	1.1	.6	.8	12.5
.8	.9	.6	.3	.2	.2	.0	.2	.0	.0	.1	.0	.1	1950
.0	.0	.0	.2	.2	.8	.9	.7	1.4	1.4	1.4	.6	.5	12.0
.5	.2	.1	.8	.4	.2	.1	.0	.1	.0	.0	.1	.0	1951
.2	.2	.0	.0	.2	.3	.9	1.7	1.5	.8	.6	.5	.4	10.5
.4	.8	.4	.3	.8	.7	.4	.9	.3	.1	.1	.2		
.0	.1	.3	.2	.2	1.1	1.8	.9	.8	.8	.6	.5	.4	13.3
.6	.3	.2	.0	.0	.2	.5	.2	.1	.0	.0	.0	.0	1953
.0	.0	.1	.4	.3	.2	1.6	1.2	1.3	1.2	.8	.5	.4	10.5
.2	.3	.1	.0	.0	.2	.1	.0	.0	.0	.2	.1	.2	1954
.2	.4	.3	.2	.2	.5	1.4	1.6	1.1	.8	.6	.5	.2	10.0
.2	.3	.2	.1	.8	.7	.2	.0	.2	.1	.0	.0	.0	1955
.0	.1	.3	.3	.3	.4	1.4	1.2	1.2	.8	.6	.5	.3	10.4
.3	.2	.2	.1	.0	.1	.2	.1	.0	.0	.2	.0	.0	1956
.0	.0	.2	.3	.2	.3	.1	.4	1.2	1.4	1.0	.5	.3	7.6
.2	.1	1.0	.3	.2	.3	.1	.2	.3	.2	.1	.0	.3	1957
.4	.4	.2	.1	.3	1.7	1.3	.7	.9	.4	.3	.4	.3	10.7
.0	.4	.2	.5	.2	.2	.8	.4	.1	.2	.0	.5	.1	1958
.2	.3	.1	.2	.6	1.4	1.6	1.4	1.6	.7	1.0	.3	.2	13.5
.3	.1	.2	.2	.1	1.0	.1	.3	.2	.2	.1	.0	.5	1959
.4	.1	.0	.3	.6	1.4	1.3	1.5	1.2	1.2	.8	.5	.9	13.7
.9	1.0	.7	.9	.2	.1	.0	.1	.0	.0	.0	.0	.0	1960
.0	.0	.0	.4	.5	.4	1.3	1.4	1.0	.8	.6	.3	.5	11.6
.6	.4	.8	.1	.1	.3	.1	.2	.2	.0	.0	.0	.0	1961
.2	.2	.0	.2	.3	.4	1.8	1.6	1.2	.5	.8	.2	.2	10.6
.1	.1	.3	.3	.4	.0	.3	.0	.2	.1	.2	.1	.1	1962
.2	.9	.2	.0	.3	.9	.6	.7	.9	.5	.4	.2	.5	9.0
.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.4	.1	1963
.0	.0	.0	.0	.0	.1	1.5	1.0	1.0	.8	.3	.2	.3	7.7
.2	.2	.1	.2	.2	.1	.0	.3	.1	.1	.0	.0	.0	1964
.0	.0	.0	.0	.0	.5	1.2	2.2	1.5	1.2	.7	.6	.4	10.0
.6	.3	.1	.1	.1	.2	.0	.0	.0	.1	.0	.0	.0	1965
.0	.0	.0	.3	.0	.1	.6	2.0	1.2	1.4	.8	.6	.7	9.8
.3	.3	.2	.1	.0	.2	.2	.2	.0	.0	.0	.0	.0	1966
.1	.0	.0	.2	.2	.1	.1	1.6	1.4	.7	1.1	.9	.3	8.8
.5	.3	.1	.4	.3	1.5	.1	.2	.0	.0	.0	.0	.0	1967
.0	.0	.0	.2	.0	.2	1.3	1.9	1.6	1.0	1.3	.7	.2	12.3
.1	.0	.3	.3	.0	.0	.0	.1	.0	.0	.4	.1	.0	1968
.0	.0	.0	.0	.5	1.1	1.1	2.1	1.5	.8	.7	.5	.3	10.6
.3	.9	.3	.4	.0	.0	.1	.5	.0	.1	.0	.0	.4	1969
.1	.0	.0	.2	.2	.1	.1	1.6	1.4	.7	1.1	.9	.3	8.8
.5	.3	.1	.4	.3	1.5	.1	.2	.0	.0	.0	.0	.0	1970
.0	.0	.0	.2	.0	.2	1.3	1.9	1.6	1.0	1.3	.7	.2	12.3
.2	.2	.1	.2	.4	1.5	1.6	1.5	1.6	1.4	.8	.4	.4	13.7
.2	.4	.2	.0	.5	.0	.0	.4	1.1	.4	.2	.0	.1	1971
.0	.1	.2	.2	.0	.2	.6	1.2	1.8	1.8	1.0	.7	.6	12.2
.5	.3	.3	.0	.2	.0	.0	.0	.0	.1	.0	.0	.1	1972
.0	.1	1.0	.8	.5	1.7	1.5	1.5	1.0	.8	.7	.5	.6	13.0
.5	.3	.1	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	1973
.0	.0	.0	.0	.2	.3	.9	1.0	2.0	1.5	1.2	.7	.4	10.7
.1	.0	.3	.4	.3	.2	.0	.0	.0	.0	.0	.4	.8	1974
.5	.2	.0	.3	.2	.7	1.9	1.5	1.0	.5	.3	.2	.1	10.2
.0	.1	.4	1.5	.7	.5	.1	.0	.0	.0	.0	.0	.0	1975
.0	.0	.0	.0	.0	.3	1.6	1.7	1.9	2.1	1.1	.7	.3	13.7
.2	.2	.2	1.0	.2	.0	.3	.2	.0	.0	.2	.0	.0	1976
.0	.0	.0	.0	.4	.9	1.4	1.6	1.3	1.5	1.2	.7	.4	10.7
.5	.4	.3	.2	.2	.1	.4	.6	.1	.0	.0	.0	.1	1977
.0	.0	.0	.1	.0	.0	.6	1.9	1.5	1.3	1.0	.8	.4	11.3
.5	.2	.7	.7	.4	.1	.0	.2	.1	.1	.0	.0	.1	1978
.0	.1	.2	.2	.5	1.6	1.1	1.7	1.2	.8	.7	.5	.3	12.2
.3	.6	.3	.1	.5	.1	.0	.0	.0	.0	.0	.0	.1	1979
.1	.0	.2	.3	.1	.8	.8	.9	1.5	1.2	1.1	.8	.6	11.1
.6	1.0	.2	.1	.2	.2	.3	.1	.0	.0	.0	.0	.0	1980
.1	.1	.1	.2	.3	.9	.9	1.4	1.6	1.8	1.8	.9	.8	14.1
.4	.4	.7	.5	.5	.1	.0	.0	.0	.0	.2	.0	.1	1981
.2	.0	.0	.0	.0	.1	.3	1.3	2.0	1.3	1.1	.8	.4	10.9
.1	.4	.1	.1	.0	.1	.2	.1	.0	.0	.0	.0	.1	1982
.0	.0	.1	.1	.5	.9	1.6	1.7	1.2	.9	.5	.3	.2	9.9
													1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.4	.4	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	
.1	.1	.1	.2	.3	.7	1.2	1.4	1.3	1.1	.8	.5	.4	11.2

Meðalrennsli 34 ára: .36 m3/s

Vatnsvið: 4.7 km2

Meðalafrennsli: 75.9 l/s*km2

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.

ORKUSTOFNUN VOD 24-Jan. -89
Áætlanadeild

Skrá: fjardara.ren

Rennslisröð nr. 7: þverárveita I. Vhm 83 * 0.114.

Tímabil: 1950-1983
34 Vatnsáar

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
.8	.6	.2	.4	1.3	.3	.0	.0	.0	.0	.2	.0	13.5	1950
.0	.0	.0	.0	.1	.5	1.3	1.0	2.2	1.7	1.1	.7	.8	
.9	1.0	.6	.3	.2	.2	.0	.2	.0	.0	.2	.1	.2	
.1	.0	.0	.2	.2	.9	1.0	.8	1.5	1.5	1.5	.7	.5	13.1 1951
.5	.2	.2	.9	.4	.2	.1	.0	.2	.0	.0	.1	.1	
.2	.3	.0	.0	.3	.4	1.0	1.9	1.6	.9	.6	.6	.5	11.4 1952
.4	.9	.4	.4	.8	.7	.4	1.0	.3	.1	.1	.1	.2	
.1	.2	.3	.2	.2	1.2	2.0	1.0	.8	.8	.6	.5	.4	14.4 1953
.6	.3	.2	.1	.0	.2	.5	.2	.1	.0	.0	.0	.0	
.0	.0	.1	.4	.3	.3	1.7	1.3	1.4	1.3	.9	.5	.4	11.4 1954
.3	.3	.1	.0	.0	.2	.1	.0	.0	.0	.2	.5	.2	
.3	.4	.3	.2	.2	.5	1.6	1.8	1.2	.8	.7	.5	.2	10.8 1955
.2	.3	.2	.2	.8	.7	.2	.0	.2	.1	.1	.0	.0	
.0	.1	.3	.3	.3	.5	1.5	1.3	1.3	.9	.7	.5	.3	11.3 1956
.3	.2	.3	.1	.0	.1	.3	.1	.0	.0	.2	.0	.0	
.0	.0	.2	.3	.2	.1	.4	1.3	1.5	1.1	.5	.4	.4	8.2 1957
.2	.1	1.1	.3	.2	.3	.1	.2	.3	.1	.0	.3	.3	
.4	.4	.2	.1	.3	1.8	1.4	.8	1.0	.5	.3	.4	.3	11.6 1958
.0	.5	.2	.6	.2	.3	.9	.4	.1	.2	.0	.5	.1	
.2	.3	.1	.2	.7	1.6	1.7	1.5	1.7	.7	1.1	.3	.2	14.7 1959
.3	.1	.2	.2	.1	1.1	.1	.3	.2	.3	.2	.1	.6	
.4	.1	.0	.3	.7	1.6	1.5	1.6	1.3	1.3	.9	.5	1.0	14.9 1960
.9	1.0	.8	1.0	.2	.1	.0	.1	.0	.0	.0	.0	.0	
.0	.0	.0	.4	.5	.4	1.4	1.5	1.1	.9	.7	.4	.5	12.6 1961
.6	.4	.9	.2	.2	.3	.1	.2	.2	.1	.0	.0	.0	
.2	.2	.0	.2	.3	.5	1.9	1.7	1.3	.6	.8	.3	.2	11.5 1962
.2	.1	.3	.3	.5	.0	.3	.0	.2	.1	.2	.2	.2	
.2	1.0	.2	.0	.3	1.0	.6	.7	1.0	.6	.4	.2	.5	9.7 1963
.3	.3	.3	.1	.2	.1	.0	.0	.0	.0	.0	.5	.1	
.0	.0	.0	.0	.1	.1	1.7	1.1	1.1	.9	.3	.2	.3	8.4 1964
.2	.2	.2	.2	.1	.0	.3	.1	.2	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.5	1.3	2.4	1.6	1.3	.7	.6	.4	10.9 1965
.7	.3	.1	.1	.1	.2	.1	.0	.0	.2	.0	.0	.0	
.0	.0	.4	.0	.1	.6	2.2	1.3	1.6	.9	.6	.8	.6	10.6 1966
.3	.4	.2	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	
.1	.0	.0	.2	.1	.1	1.7	1.5	.8	1.2	1.0	.3	.5	9.6 1967
.5	.3	.1	.4	.4	1.6	.2	.2	.0	.0	.0	.0	.0	
.0	.0	.0	.2	.0	.2	1.4	2.0	1.8	1.1	1.4	.8	.2	13.4 1968
.1	.0	.3	.4	.0	.0	.0	.1	.1	.0	.5	.1	.0	
.0	.0	.0	.0	.5	1.1	1.2	2.3	1.6	.9	.8	.5	.3	11.5 1969
.4	1.0	.3	.5	.0	.0	.1	.5	.0	.1	.0	.0	.5	
.1	.0	.0	.1	.5	.8	1.4	.9	1.1	1.3	.5	.3	.2	11.1 1970
.6	.2	.3	.3	.5	.2	.2	.1	.0	.7	.2	.0	.3	
.2	.2	.1	.2	.4	1.6	1.7	1.6	1.8	1.5	.9	.4	.4	14.9 1971
.3	.4	.2	.1	.5	.0	.1	.4	1.1	.5	.2	.0	.1	
.1	.1	.2	.2	.1	.2	.6	1.3	2.0	1.9	1.1	.7	.6	13.3 1972
.6	.3	.3	.0	.2	.1	.0	.0	.0	.1	.0	.0	.2	
.2	.1	1.1	.8	.6	1.8	1.6	1.7	1.1	.9	.8	.5	.7	14.1 1973
.5	.3	.1	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.2	.3	1.0	1.1	2.2	1.7	1.3	.8	.4	11.6 1974
.1	.0	.3	.4	.3	.2	.0	.0	.0	.0	.0	.5	.8	
.5	.2	.1	.3	.2	.7	2.0	1.7	1.1	.6	.3	.2	.1	11.1 1975
.0	.1	.5	1.6	.8	.5	.1	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.3	1.7	1.8	2.1	2.2	1.2	.8	.4	14.9 1976
.2	.3	.2	1.1	.3	.1	.3	.2	.0	.0	.2	.0	.0	
.0	.0	.0	.0	.4	1.0	1.5	1.8	1.4	1.6	1.5	.9	.9	14.3 1977
.5	.5	.3	.2	.2	.1	.5	.7	.1	.0	.0	.0	.1	
.0	.0	.1	.1	.0	.6	2.1	1.7	1.5	1.1	.9	.5	.5	12.3 1978
.5	.2	.7	.7	.4	.1	.0	.2	.2	.1	.0	.0	.1	
.0	.2	.2	.2	.5	1.7	1.2	1.8	1.3	.9	.7	.6	.3	13.3 1979
.4	.7	.4	.1	.5	.1	.1	.0	.0	.0	.1	.0	.2	
.1	.0	.2	.3	.1	.9	.9	1.0	1.6	1.3	1.2	.9	.7	12.1 1980
.7	1.1	.2	.1	.2	.2	.3	.2	.1	.0	.0	.2	.2	
.2	.1	.1	.3	.3	.9	1.0	1.5	1.7	1.9	1.9	1.0	.8	15.3 1981
.4	.4	.8	.5	.6	.1	.0	.0	.0	.0	.2	.0	.1	
.2	.1	.0	.0	.0	.1	.4	1.4	2.1	1.5	1.2	.8	.4	11.8 1982
.1	.4	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.2	
.0	.0	.1	.2	.6	1.0	1.8	1.8	1.3	1.0	.5	.3	.2	10.7 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.4	.4	.3	.4	.3	.3	.2	.2	.1	.1	.1	.1	.2	
.1	.1	.1	.2	.3	.7	1.3	1.5	1.5	1.2	.9	.6	.5	12.2

Meðalrennsli 34 ára: .39 m³/s

Vatnasvið: 5.0 km²

Meðalfrennsli: 77.5 l/s*km²

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83. Ómiðlanlegur hluti þverár.

ORKUSTOFNUN VOD 24-Jan. -89
Áætlanadeild

Skrá: fjardara.ren

Rennslisrök nr. 8: Inntakslón Fjarðarárv. Vhm 83 * 0.073.

Tímabil: 1950-1983

34 Vatnsár

Rennsli (Gl/2vikum)												Ársrennsli (Gl)		
.5	.4	.1	.3	.8	.2	.0	.0	.0	.0	.0	.1	.0		
.0	.0	.0	.0	.0	.3	.8	.6	1.4	1.1	.7	.4	.5	8.7	1950
.5	.6	.4	.2	.1	.1	.0	.1	.0	.0	.1	.0	.1		
.0	.0	.0	.1	.1	.6	.7	.5	1.0	1.0	1.0	.4	.3	8.4	1951
.3	.1	.1	.6	.3	.1	.0	.0	.1	.0	.0	.0	.0		
.1	.2	.0	.0	.2	.2	.7	1.2	1.0	.6	.4	.4	.3	7.3	1952
.3	.6	.3	.2	.5	.5	.3	.6	.2	.1	.1	.0	.2		
.0	.1	.2	.2	.1	.8	1.3	.7	.5	.5	.4	.3	.3	9.2	1953
.4	.2	.1	.0	.0	.1	.3	.1	.0	.0	.0	.0	.0		
.0	.0	.0	.3	.2	.2	1.1	.9	.9	.8	.6	.3	.3	7.3	1954
.2	.2	.0	.0	.0	.0	.2	.0	.0	.0	.2	.3	.1		
.2	.2	.2	.1	.1	.3	1.0	1.1	.7	.5	.4	.3	.2	6.9	1955
.1	.2	.1	.1	.5	.5	.1	.0	.1	.1	.0	.0	.0		
.0	.0	.2	.2	.2	.3	1.0	.8	.8	.6	.4	.3	.2	7.2	1956
.2	.2	.2	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0		
.0	.0	.1	.2	.1	.0	.3	.8	1.0	.7	.3	.2	.2	5.3	1957
.2	.0	.7	.2	.1	.2	.0	.1	.2	.0	.0	.2	.2		
.3	.3	.1	.0	.2	1.2	.9	.5	.6	.3	.2	.3	.2	7.5	1958
.0	.3	.1	.4	.1	.2	.6	.3	.1	.1	.0	.3	.0		
.1	.2	.1	.1	.4	1.0	1.1	.9	1.1	.5	.7	.2	.1	9.4	1959
.2	.0	.1	.2	.1	.7	.0	.2	.1	.2	.1	.0	.4		
.3	.0	.0	.2	.4	1.0	.9	1.0	.8	.8	.6	.3	.6	9.6	1960
.6	.7	.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0		
.0	.0	.0	.3	.3	.3	.9	.9	.7	.6	.4	.2	.3	8.0	1961
.4	.2	.6	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0		
.1	.1	.0	.1	.2	.3	1.2	1.1	.9	.4	.5	.2	.1	7.3	1962
.1	.0	.2	.2	.3	.0	.2	.0	.1	.1	.1	.1	.1		
.2	.7	.2	.0	.2	.7	.4	.5	.6	.4	.3	.1	.3	6.2	1963
.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.3	.0		
.0	.0	.0	.0	.0	.0	1.1	.7	.7	.6	.2	.2	.2	5.4	1964
.1	.1	.1	.2	.1	.0	.0	.2	.1	.1	.0	.0	.0		
.0	.0	.0	.0	.0	.3	.9	1.6	1.0	.8	.5	.4	.3	7.0	1965
.4	.2	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0		
.0	.0	.0	.2	.0	.0	.4	1.4	.8	1.0	.6	.4	.5	6.8	1966
.2	.2	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0		
.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	6.1	1967
.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.3	.0		
.0	.0	.0	.0	.3	.7	.8	1.5	1.1	.6	.5	.3	.2	7.4	1969
.2	.7	.2	.3	.0	.0	.0	.3	.0	.0	.1	.0	.0		
.1	.0	.0	.1	.3	.5	.9	.5	.7	.8	.3	.2	.1	7.1	1970
.4	.1	.2	.2	.3	.1	.1	.0	.0	.4	.1	.0	.2		
.1	.1	.0	.1	.3	1.0	1.1	1.0	1.1	.7	.9	.5	.1	8.6	1971
.2	.3	.1	.0	.3	.0	.0	.3	.7	.3	.1	.0	.0		
.0	.0	.1	.1	.0	.2	.4	.8	1.3	1.2	.7	.5	.4	8.5	1972
.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1		
.1	.0	.7	.5	.4	1.2	1.0	1.1	.7	.6	.5	.3	.4	9.0	1973
.3	.2	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0		
.0	.0	.0	.0	.2	.2	.7	.7	1.4	1.1	.8	.5	.3	7.4	1974
.0	.0	.2	.3	.2	.1	.0	.0	.0	.0	.0	.3	.5		
.3	.2	.0	.2	.1	.5	1.3	1.1	.7	.4	.2	.1	.0	7.1	1975
.0	.0	.3	1.0	.5	.3	.0	.0	.0	.0	.0	.0	.0		
.0	.0	.0	.0	.0	.2	1.1	1.2	1.3	1.4	.8	.5	.2	9.5	1976
.1	.2	.1	.7	.2	.0	.2	.1	.0	.0	.2	.0	.0		
.0	.0	.0	.0	.3	.6	.9	1.1	.9	1.0	1.0	.6	.6	9.1	1977
.3	.3	.2	.1	.2	.0	.3	.4	.0	.0	.0	.0	.1		
.0	.0	.0	.0	.0	.4	1.3	1.1	.9	.7	.6	.3	.3	7.9	1978
.3	.1	.5	.5	.3	.0	.0	.1	.1	.1	.0	.0	.0		
.0	.1	.1	.1	.3	1.1	.8	1.2	.8	.6	.5	.4	.2	8.5	1979
.2	.4	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1		
.0	.0	.1	.2	.0	.6	.6	.6	1.0	.9	.8	.6	.4	7.7	1980
.4	.7	.1	.0	.1	.1	.2	.1	.0	.0	.0	.1	.1		
.1	.0	.0	.2	.2	.6	.6	1.0	1.1	1.2	1.2	.6	.5	9.8	1981
.3	.3	.5	.3	.4	.0	.0	.0	.0	.0	.1	.0	.0		
.1	.0	.0	.0	.0	.2	.9	1.4	.9	.7	.5	.3	.3	7.6	1982
.0	.3	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1		
.0	.0	.0	.1	.4	.7	1.1	1.2	.8	.6	.3	.2	.2	6.9	1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.1	
.1	.1	.1	.1	.2	.5	.8	1.0	.9	.8	.6	.4	.3	7.8

Meðalrennsli 34 ára: .25 m3/s

Vatnasvið: 3.6 km2

Meðalafrennsli: 69.7 l/s*km2

LÝSING: Rennslisátlun OS-88069/15B. 1950/83.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
.7	.5	.2	.3	1.0	.2	.0	.0	.0	.0	.0	.2	.0	
.0	.0	.0	.0	.1	.4	1.0	.8	1.7	1.3	.9	.6	.7	10.8 1950
.7	.8	.5	.2	.2	.2	.0	.1	.0	.0	.1	.0	.1	
.0	.0	.0	.1	.2	.7	.8	.6	1.2	1.2	1.2	.5	.4	10.4 1951
.4	.2	.1	.7	.3	.2	.0	.0	.1	.0	.0	.1	.0	
.2	.2	.0	.0	.2	.3	.8	1.5	1.3	.7	.5	.5	.4	9.1 1952
.3	.7	.3	.3	.7	.6	.3	.8	.2	.1	.1	.0	.2	
.0	.1	.3	.2	.2	1.0	1.6	.8	.7	.7	.5	.4	.3	11.5 1953
.5	.2	.2	.0	.0	.2	.4	.1	.1	.0	.0	.0	.0	
.0	.0	.1	.3	.2	.2	1.4	1.1	1.1	1.0	.7	.4	.3	9.1 1954
.2	.2	.0	.0	.0	.2	.1	.0	.0	.0	.2	.4	.1	
.2	.3	.2	.1	.2	.4	1.2	1.4	.9	.7	.6	.4	.2	8.6 1955
.2	.2	.1	.1	.7	.6	.2	.0	.2	.1	.0	.0	.0	
.0	.1	.3	.2	.3	.4	1.2	1.1	1.0	.7	.5	.4	.2	9.0 1956
.2	.2	.2	.1	.0	.1	.2	.1	.0	.0	.1	.0	.0	
.0	.0	.2	.2	.1	.1	.3	1.0	1.2	.8	.4	.3	.3	6.6 1957
.2	.0	.9	.3	.2	.2	.1	.1	.2	.1	.0	.3	.3	
.3	.3	.1	.0	.3	1.4	1.1	.6	.8	.4	.2	.3	.3	9.3 1958
.0	.4	.2	.5	.2	.2	.7	.3	.1	.2	.0	.4	.1	
.2	.3	.1	.2	.6	1.2	1.4	1.2	1.4	.6	.9	.3	.2	11.7 1959
.2	.1	.2	.2	.1	.9	.1	.3	.1	.2	.1	.0	.5	
.3	.1	.0	.2	.5	1.3	1.2	1.3	1.0	1.0	.7	.4	.8	11.9 1960
.8	.8	.6	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.4	.4	.3	1.2	1.2	.9	.7	.6	.3	.4	10.0 1961
.5	.3	.7	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	
.2	.1	.0	.1	.2	.4	1.5	1.4	1.1	.4	.7	.2	.2	9.2 1962
.1	.1	.3	.3	.4	.0	.3	.0	.1	.1	.2	.1	.1	
.2	.8	.2	.0	.3	.8	.5	.6	.8	.5	.3	.2	.4	7.8 1963
.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.4	.1	
.0	.0	.0	.0	.0	.1	1.3	.9	.9	.7	.3	.2	.2	6.7 1964
.2	.1	.1	.2	.1	.0	.0	.2	.1	.1	.0	.0	.0	
.0	.0	.0	.0	.0	.4	1.1	1.9	1.3	1.0	.6	.5	.3	8.7 1965
.5	.2	.1	.0	.0	.2	.0	.0	.0	.1	.0	.0	.0	
.0	.0	.0	.3	.0	.1	.5	1.7	1.0	1.3	.7	.5	.6	8.5 1966
.2	.3	.2	.1	.0	.2	.1	.2	.0	.0	.0	.0	.0	
.0	.0	.0	.2	.0	.0	1.3	1.2	.6	.9	.8	.2	.4	7.6 1967
.4	.3	.1	.4	.3	1.3	.1	.2	.0	.0	.0	.0	.0	
.0	.0	.0	.1	.0	.2	1.1	1.6	1.4	.9	1.1	.6	.2	10.7 1968
.1	.0	.3	.3	.0	.0	.0	.0	.0	.0	.4	.0	.0	
.0	.0	.0	.0	.4	.9	1.0	1.9	1.3	.7	.6	.4	.3	9.2 1969
.3	.8	.2	.4	.0	.0	.0	.4	.0	.1	.0	.0	.4	
.1	.0	.0	.1	.4	.7	1.1	.7	.9	1.0	.4	.2	.2	8.9 1970
.5	.2	.3	.2	.4	.2	.1	.0	.0	.5	.1	.0	.2	
.2	.2	.1	.2	.3	1.3	1.4	1.3	1.4	1.2	.7	.4	.3	11.9 1971
.2	.3	.2	.0	.4	.0	.0	.3	.9	.4	.2	.0	.1	
.0	.1	.2	.2	.0	.2	.5	1.0	1.6	1.5	.9	.6	.5	10.6 1972
.4	.2	.2	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1	
.2	.1	.9	.7	.5	1.4	1.3	1.3	.9	.7	.6	.4	.6	11.3 1973
.4	.2	.0	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.2	.3	.8	.9	1.7	1.3	1.0	.6	.3	9.3 1974
.1	.0	.3	.3	.2	.1	.0	.0	.0	.0	.0	.4	.7	
.4	.2	.0	.3	.2	.6	1.6	1.3	.8	.5	.2	.1	.1	8.9 1975
.0	.1	.4	1.3	.6	.4	.0	.0	.0	.0	.0	.0	.0	
.0	.0	.0	.0	.0	.3	1.4	1.5	1.7	1.8	1.0	.6	.3	11.9 1976
.2	.2	.1	.9	.2	.0	.2	.2	.0	.0	.2	.0	.0	
.0	.0	.0	.0	.3	.8	1.2	1.4	1.2	1.3	1.2	.8	.7	11.4 1977
.4	.4	.2	.2	.2	.1	.4	.6	.1	.0	.0	.0	.1	
.0	.0	.0	.0	.0	.5	1.7	1.3	1.2	.9	.7	.4	.4	9.8 1978
.4	.1	.6	.6	.3	.1	.0	.2	.1	.1	.0	.0	.1	
.0	.1	.2	.2	.4	1.4	1.0	1.5	1.0	.7	.6	.5	.2	10.6 1979
.3	.5	.3	.1	.4	.1	.0	.0	.0	.0	.0	.0	.1	
.1	.0	.1	.2	.0	.7	.7	.8	1.3	1.1	1.0	.7	.5	9.7 1980
.5	.9	.1	.1	.2	.2	.2	.1	.0	.0	.0	.1	.1	
.1	.0	.0	.2	.2	.7	.8	1.2	1.4	1.6	1.6	.8	.7	12.2 1981
.3	.3	.6	.4	.4	.1	.0	.0	.0	.0	.2	.0	.1	
.2	.0	.0	.0	.1	.3	1.1	1.7	1.2	.9	.7	.3	.4	9.4 1982
.1	.3	.1	.0	.0	.1	.2	.0	.0	.0	.0	.0	.1	
.0	.0	.0	.1	.5	.8	1.4	1.5	1.0	.8	.4	.3	.2	8.6 1983

Meðalrennsli (Gl/2vikum)

MQ (Gl/ári)

.3	.3	.3	.3	.3	.2	.1	.2	.1	.1	.1	.1	.1	
.1	.1	.1	.2	.2	.6	1.0	1.2	1.2	.9	.7	.4	.4	9.7

Meðalrennsli 34 ára: .31 m3/s

Vatnsvið: 4.2 km2

Meðalafrennsli: 73.5 l/s*km2

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.

ORKUSTOFNUN VOD 24-Jan. -89
Aætlanadeild

Skrá: fjardara.ren
Rennslisröð nr. 10: Miðlað rennsli, tilvik I. Raðir 3+4+5.

Tímabil: 1950-1983

34 Vatnsár

Rennsli (GL/2vikum)												Ársrennsli (GL)	
4.7	3.3	1.1	2.4	7.4	1.4	.4	.2	.1	.1	.2	1.2	.4	
.2	.0	.0	.1	.5	2.5	6.9	4.9	12.1	8.7	5.7	3.4	4.5	72.4 1950
4.7	5.4	3.1	1.4	1.2	1.2	.4	.9	.4	.3	.8	.4	.7	
.5	.4	.1	1.0	1.2	4.9	5.6	3.9	8.3	8.0	8.0	3.2	2.7	69.1 1951
2.5	1.0	.8	5.3	2.0	1.0	.5	.5	.9	.4	.4	.5	.4	
.9	1.4	.3	.4	1.4	1.8	5.5	10.5	8.0	4.0	2.9	2.6	2.2	58.2 1952
1.9	5.0	2.2	1.9	5.0	4.0	2.1	5.8	1.4	.7	.7	.5	1.4	
.4	.8	1.9	1.2	1.0	6.8	11.0	4.7	4.0	3.9	2.7	2.5	2.0	75.5 1953
3.4	1.7	1.3	.5	.5	1.2	3.0	.9	.6	.4	.4	.2	.4	
.3	.1	.7	2.4	1.5	1.1	9.8	6.8	7.3	6.2	3.8	2.2	1.8	58.5 1954
1.1	1.4	.6	.5	.5	1.3	.7	.2	.3	.3	1.4	2.6	.7	
1.4	2.1	1.7	.9	.9	2.8	8.9	9.6	5.6	3.8	3.3	2.2	1.1	55.9 1955
.8	1.4	.8	.8	4.9	3.9	.9	.4	1.3	.7	.5	.2	.2	
.1	.7	1.9	1.5	1.8	2.4	8.7	6.8	6.6	4.1	3.0	2.1	1.4	57.8 1956
1.4	1.3	1.3	.6	.4	.7	1.4	.7	.3	.1	.9	.3	.2	
.1	.1	1.2	1.5	.8	.5	1.8	7.1	7.9	5.0	2.4	1.7	1.9	41.9 1957
1.2	.6	5.3	1.7	1.1	1.4	.6	.7	1.2	.5	.4	1.9	1.8	
2.2	2.1	1.0	.5	1.7	9.6	6.8	3.8	4.5	2.2	1.3	1.8	1.7	57.8 1958
.4	2.2	1.1	3.3	1.0	1.3	4.6	2.3	.8	1.2	.4	2.2	.5	
1.0	1.6	.8	1.2	3.5	8.5	9.0	7.6	8.0	3.3	5.1	1.6	1.1	73.5 1959
1.3	.5	.9	1.1	.7	5.9	.7	1.5	.8	1.2	.8	.5	2.7	
2.0	.6	.4	1.3	3.4	8.6	7.7	7.6	5.7	5.7	4.1	2.5	4.5	72.9 1960
4.6	5.6	3.7	5.8	1.0	1.2	.4	1.2	.4	.4	.3	.3	.3	
.3	.3	.3	2.3	2.9	2.1	8.1	8.5	6.1	4.8	3.3	1.7	2.4	68.2 1961
2.8	1.7	4.5	.7	.7	1.3	.6	1.0	.9	.4	.2	.2	.3	
1.0	1.0	.4	1.1	1.6	2.4	10.4	8.5	6.3	2.7	3.9	1.2	.9	56.9 1962
.8	.7	1.6	1.7	2.5	.2	1.8	.4	.7	.9	1.0	.9	.8	
1.2	5.4	1.3	.4	1.7	5.6	3.0	3.6	4.7	2.7	1.9	1.2	2.9	49.5 1963
1.7	1.8	2.0	.8	.8	.6	.4	.3	.3	.3	.2	1.8	.6	
.4	.2	.4	.4	.7	1.0	9.9	5.6	5.1	3.9	1.5	1.1	1.3	42.9 1964
1.2	.8	.9	1.2	1.0	.6	.2	1.5	.7	1.1	.2	.1	.1	
.0	.1	.1	.1	.3	2.6	7.2	14.1	8.5	6.5	3.4	3.3	2.1	57.9 1965
3.5	1.3	.7	.6	.6	1.3	.5	.2	.1	.7	.6	.3	.5	
.2	.1	.2	1.8	.7	.9	3.2	12.4	6.9	7.9	4.2	3.1	3.7	56.1 1966
1.5	1.7	1.1	.9	.6	1.0	.9	1.1	.4	.2	.2	.1	.4	
.6	.2	.1	1.4	.6	.6	9.6	8.2	4.1	5.6	4.3	1.4	2.9	49.7 1967
2.5	1.8	.8	2.4	2.0	9.5	.9	1.4	.3	.2	.3	.2	.2	
.2	.4	.3	.9	.4	1.2	7.9	11.0	8.5	5.3	6.7	3.5	.9	69.7 1968
.6	.3	1.7	1.8	.4	.3	.2	.6	.5	.5	2.6	.6	.3	
.2	.3	.2	.2	2.3	6.1	6.9	12.9	8.1	4.5	3.4	2.5	1.6	59.8 1969
2.0	5.8	1.5	2.9	.4	.3	.5	2.6	.5	.7	.4	.3	2.1	
.9	.4	.4	.8	2.4	4.7	7.6	4.2	5.5	6.2	2.5	1.2	1.2	58.2 1970
3.2	1.1	2.0	1.8	2.7	1.1	1.0	.8	.3	3.4	1.1	.4	1.6	
1.1	1.2	.6	1.1	2.4	8.7	9.4	8.7	8.9	7.7	4.1	2.2	2.1	78.7 1971
1.3	2.0	1.1	.5	3.0	.3	.5	2.0	5.9	2.6	1.4	.3	.5	
.4	.8	.9	1.2	.6	1.4	3.6	6.8	11.7	10.1	4.9	3.4	3.3	70.6 1972
2.9	1.4	1.3	.5	1.0	.5	.3	.2	.2	1.0	.3	.3	1.1	
1.2	.7	5.9	4.9	3.6	10.8	9.0	9.3	5.8	4.4	3.9	2.6	4.3	77.3 1973
2.9	1.7	.6	2.3	2.4	.7	.5	.2	.3	.2	.2	.2	.4	
.5	.3	.3	.5	1.3	2.0	6.6	7.0	13.1	8.9	6.7	4.1	1.7	65.6 1974
.6	.5	2.0	2.8	1.7	.8	.4	.3	.4	.2	.2	2.1	4.3	
2.9	1.4	.5	1.7	1.3	4.1	11.5	8.2	4.9	2.7	1.4	.8	.6	58.4 1975
.2	.6	2.3	9.1	4.6	2.6	.5	.3	.3	.3	.3	.2	.2	
.2	.2	.2	.1	.1	1.6	9.8	10.6	11.7	10.8	5.4	3.5	1.6	77.4 1976
1.1	1.2	1.1	5.9	1.4	.4	1.4	1.3	.4	.2	1.2	.3	.2	
.2	.1	.4	.2	1.9	5.6	8.4	9.8	7.2	7.6	7.1	4.2	4.2	
2.9	2.4	1.5	1.0	1.3	.6	2.5	4.1	.6	.4	.4	.4	1.1	72.8 1977
.4	.3	.2	.7	.5	.3	3.2	13.0	9.8	7.6	5.2	4.1	2.5	
2.9	.9	3.8	4.0	2.1	.6	.4	1.2	.6	.8	.4	.3	.6	66.6 1978
.4	.7	.9	1.1	2.7	10.6	6.9	9.7	6.3	4.3	3.3	2.6	1.4	69.5 1979
1.7	3.3	1.8	.6	3.1	.6	.4	.3	.3	.3	.5	.4	1.1	
.6	.4	1.2	1.7	.7	5.2	4.7	5.6	8.7	6.8	6.2	4.2	3.1	63.2 1980
3.6	5.8	.8	.7	1.1	1.0	1.4	.7	.5	.4	.4	1.0	.9	
.8	.6	.6	1.5	1.5	5.4	5.5	8.5	9.2	9.6	9.1	4.3	4.0	79.0 1981
2.0	2.1	3.9	2.6	3.1	.7	.3	.3	.4	.2	1.5	.4	.7	
1.2	.5	.3	.3	.4	.6	1.9	8.5	12.4	7.7	5.8	3.9	2.1	63.8 1982
.7	2.1	.8	.6	.5	.6	1.0	.6	.4	.2	.3	.5	1.2	
.6	.4	.6	.7	3.4	6.1	10.9	9.9	6.5	4.7	2.4	1.4	1.2	58.4 1983

Meðalrennsli (GL/2vikum) MQ (GL/ári)

2.1	2.1	1.8	2.1	1.8	1.5	.9	1.1	.7	.6	.6	.7	.9	
.7	.8	.8	1.1	1.5	4.1	7.3	8.2	7.6	5.8	4.2	2.6	2.3	63.6

Meðalrennsli 34 ára: 2.02 m³/s

Vatnsvið: 31.3 km²

Meðalafrennsli: 64.6 l/s*km²

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
2.1	1.6	.5	1.1	3.2	.8	.2	.1	.0	.0	.1	.5	.2	
.1	.0	.0	.0	.3	1.3	3.2	2.5	5.6	4.3	2.9	1.8	2.1	34.7 1950
2.2	2.5	1.6	.7	.6	.6	.2	.4	.2	.2	.4	.2	.4	
.2	.2	.0	.5	.6	2.3	2.6	2.0	3.9	3.9	3.9	1.8	1.4	33.5 1951
1.3	.5	.4	2.3	1.0	.5	.3	.2	.4	.2	.2	.3	.2	
.5	.7	.2	.2	.7	.9	2.6	4.9	4.1	2.3	1.6	1.5	1.2	29.2 1952
1.0	2.3	1.1	1.0	2.1	1.9	1.0	2.6	.8	.4	.4	.3	.6	
.2	.4	.8	.6	.5	3.1	5.1	2.6	2.1	2.1	1.5	1.3	1.1	37.0 1953
1.6	.8	.6	.2	.2	.6	1.3	.4	.3	.2	.2	.1	.2	
.2	.0	.3	1.1	.7	.7	4.4	3.4	3.6	3.2	2.2	1.4	1.1	29.1 1954
.7	.7	.3	.2	.2	.6	.3	.1	.1	.1	.6	1.2	.4	
.7	1.0	.8	.5	.5	1.4	4.0	4.6	3.0	2.2	1.8	1.3	.6	27.7 1955
.5	.7	.4	.4	2.2	1.9	.5	.2	.6	.4	.2	.1	.1	
.0	.3	.9	.8	.9	1.2	3.9	3.4	3.3	2.2	1.7	1.3	.8	28.9 1956
.7	.6	.7	.3	.2	.3	.6	.3	.1	.0	.4	.2	.1	
.0	.0	.6	.7	.4	.3	1.0	3.3	3.8	2.7	1.4	.9	1.0	21.1 1957
.6	.3	2.8	.9	.5	.7	.3	.4	.7	.3	.2	.9	.9	
1.1	1.0	.5	.3	.9	4.6	3.6	2.1	2.5	1.2	.7	1.0	.8	29.8 1958
.2	1.2	.5	1.5	.5	.7	2.3	1.0	.4	.6	.2	1.3	.3	
.5	.9	.4	.6	1.8	4.0	4.4	3.8	4.4	1.9	2.9	.9	.5	37.6 1959
.7	.3	.5	.6	.4	2.7	.3	.8	.4	.7	.4	.3	1.5	
1.1	.3	.2	.8	1.7	4.0	3.7	4.0	3.2	3.3	2.3	1.4	2.5	38.2 1960
2.4	2.6	2.0	2.6	.4	.3	.2	.3	.2	.2	.1	.1	.2	
.2	.2	.2	1.1	1.3	1.0	3.7	3.8	2.8	2.3	1.8	.9	1.3	32.2 1961
1.6	1.0	2.3	.4	.4	.8	.4	.5	.4	.2	.1	.1	.2	
.5	.5	.2	.4	.7	1.2	4.9	4.4	3.4	1.4	2.1	.7	.5	29.4 1962
.4	.4	.8	.9	1.2	.1	.9	.2	.4	.4	.5	.4	.4	
.6	2.6	.6	.2	.8	2.6	1.5	1.9	2.6	1.5	1.0	.6	1.4	24.9 1963
.8	.9	.9	.4	.4	.3	.2	.1	.2	.2	.1	1.2	.3	
.2	.1	.2	.1	.2	.3	4.3	2.8	2.8	2.3	.9	.6	.8	21.5 1964
.6	.4	.4	.6	.4	.3	.1	.8	.4	.4	.0	.0	0	
.0	.0	.0	.0	.1	1.4	3.4	6.2	4.1	3.3	1.9	1.6	1.0	27.9 1965
1.7	.7	.4	.3	.3	.6	.2	.0	.0	.4	.2	.1	.2	
.1	.0	.0	1.0	.2	.3	1.5	5.6	3.3	4.0	2.2	1.6	2.0	27.3 1966
.8	1.0	.5	.4	.2	.5	.4	.6	.2	.1	.1	.0	.2	
.3	.1	.0	.5	.3	.3	4.3	3.9	2.1	3.0	2.5	.8	1.2	24.5 1967
1.3	.9	.4	1.1	1.0	4.2	.4	.6	.1	.0	.1	.1	.1	
.1	.2	.2	.4	.2	.6	3.6	5.2	4.5	2.8	3.6	2.0	.5	34.2 1968
.3	.2	.8	.9	.2	.2	.1	.3	.2	.2	1.2	.3	.1	
.1	.1	.1	.1	1.3	2.9	3.2	5.9	4.2	2.3	1.9	1.4	.9	29.5 1969
.9	2.6	.7	1.2	.2	.1	.3	1.3	.2	.4	.2	.2	1.2	
.4	.2	.2	.4	1.2	2.1	3.5	2.2	2.9	3.3	1.3	.7	.6	28.4 1970
1.6	.5	.8	.8	1.3	.6	.4	.3	.1	1.7	.5	.2	.7	
.5	.6	.3	.6	1.1	4.1	4.4	4.1	4.6	3.9	2.3	1.1	1.1	38.2 1971
.7	1.1	.6	.2	1.3	.1	.2	1.1	2.9	1.2	.6	.2	.3	
.2	.3	.5	.5	.2	.6	1.7	3.2	5.1	4.9	2.8	1.8	1.6	34.0 1972
1.4	.8	.7	.2	.5	.2	.2	.1	.1	.4	.1	.2	.4	
.5	.3	2.9	2.2	1.5	4.6	4.2	4.2	2.9	2.3	2.0	1.4	1.8	36.1 1973
1.3	.8	.3	1.0	1.1	.3	.2	.1	.2	.1	.1	.1	.2	
.2	.1	.1	.2	.6	.9	2.6	2.9	5.6	4.3	3.3	2.1	1.0	29.8 1974
.3	.2	.8	1.1	.7	.4	.2	.1	.2	.1	.1	1.2	2.1	
1.4	.6	.2	.8	.6	1.9	5.2	4.3	2.7	1.5	.8	.4	.3	28.4 1975
.1	.3	1.2	4.1	2.1	1.3	.3	.1	.2	.2	.2	.1	.1	
.2	.1	.1	.1	.0	.8	4.5	4.7	5.3	5.7	3.1	2.0	.9	38.1 1976
.6	.7	.5	2.8	.7	.2	.8	.5	.2	.1	.6	.1	.1	
.1	.0	.1	.0	1.1	2.5	3.8	4.5	3.7	4.1	3.8	2.4	2.3	36.5 1977
1.3	1.2	.7	.6	.6	.3	1.2	1.8	.3	.2	.2	.2	.4	
.2	.2	.1	.3	.2	.2	1.6	5.3	4.2	3.7	2.8	2.3	1.2	31.5 1978
1.4	.4	1.8	1.9	1.1	.3	.2	.6	.4	.4	.2	.2	.3	
.2	.4	.5	1.3	4.4	3.1	4.7	3.2	2.3	1.9	1.5	.8	34.0 1979	
.9	1.7	.9	.3	1.3	.3	.2	.2	.1	.2	.2	.2	.4	
.3	.2	.5	.7	.3	2.3	2.2	2.6	4.2	3.5	3.2	2.3	1.7	31.0 1980
1.8	2.9	.4	.3	.5	.5	.7	.4	.2	.2	.2	.5	.4	
.4	.3	.3	.7	.7	2.4	2.4	3.9	4.5	5.0	5.0	2.5	2.1	39.2 1981
1.0	1.1	2.0	1.3	1.4	.3	.2	.2	.2	.1	.5	.2	.3	
.6	.2	.1	.1	.2	.3	.9	3.6	5.4	3.7	3.0	2.1	1.1	30.2 1982
.3	1.0	.4	.3	.2	.3	.5	.3	.2	.1	.1	.2	.4	
.2	.2	.3	.4	1.5	2.6	4.5	4.7	3.4	2.6	1.3	.8	.6	27.5 1983

Meðalrennsli (Gl/2vikum) MQ (Gl/ári)

1.0	1.0	.9	1.0	.8	.7	.5	.5	.4	.3	.3	.3	.4
.4	.4	.4	.5	.7	1.9	3.3	3.9	3.7	3.0	2.3	1.4	1.2

Meðalrennsli 34 ára: .99 m3/s

Vatnasvið: 13.3 km2

Meðalafrennsli: 74.8 l/s*km2

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.

Rennsli (Gl/2vikum)												Ársrennsli (Gl)	
5.4	3.9	1.3	2.8	8.6	1.7	.5	.3	.1	.1	.2	1.4	.5	
.2	.0	.0	.1	.6	3.0	8.0	5.8	14.1	10.2	6.8	4.0	5.2	84.9 1950
5.5	6.3	3.7	1.7	1.4	1.4	.5	1.1	.5	.4	1.0	.5	.8	
.5	.5	.2	1.2	1.5	5.8	6.6	4.6	9.7	9.4	9.4	3.8	3.2	81.1 1951
2.9	1.2	1.0	6.1	2.4	1.2	.6	.5	1.0	.5	.5	.6	.5	
1.1	1.6	.4	.5	1.6	2.1	6.4	12.2	9.5	4.8	3.5	3.2	2.6	68.7 1952
2.3	5.8	2.6	2.2	5.7	4.7	2.5	6.7	1.7	.8	.8	.5	1.6	
.5	1.0	2.2	1.4	1.1	7.9	12.8	5.7	4.8	4.7	3.3	3.0	2.4	88.8 1953
4.0	2.0	1.5	.6	1.4	3.4	1.0	.7	.5	.4	.4	.3	.5	
.4	.1	.8	2.8	1.8	1.4	11.4	8.1	8.6	7.4	4.6	2.7	2.2	69.0 1954
1.3	1.7	.7	.5	.6	1.6	.8	.2	.3	.3	1.6	3.0	.8	
1.6	2.5	2.0	1.1	1.1	3.3	10.4	11.2	6.7	4.6	4.0	2.7	1.3	65.8 1955
1.0	1.6	1.0	1.0	5.7	4.6	1.1	.5	1.5	.8	.6	.3	.2	
.2	.8	2.2	1.8	2.1	2.8	10.1	8.0	7.7	4.9	3.6	2.6	1.6	68.2 1956
1.7	1.5	1.6	.8	.4	.8	1.6	.9	.4	.2	1.1	.4	.2	
.1	.1	1.4	1.7	1.0	.6	2.2	8.3	9.3	6.0	2.9	2.0	2.2	49.5 1957
1.4	.7	6.4	2.0	1.3	1.7	.7	.8	1.5	.6	.5	2.3	2.1	
2.6	2.5	1.2	.6	2.0	11.3	8.0	4.6	5.4	2.6	1.5	2.2	2.0	68.5 1958
.5	2.6	1.3	3.8	1.2	1.5	5.4	2.7	.9	1.4	.5	2.7	.6	
1.2	2.0	.9	1.4	4.1	9.9	10.6	8.9	9.6	4.0	6.2	1.9	1.2	87.0 1959
1.6	.6	1.1	1.3	.8	6.9	.8	1.8	1.0	1.4	1.0	.6	3.2	
2.4	.7	.5	1.6	4.0	10.1	9.0	9.1	6.9	6.9	4.9	3.0	5.4	86.6 1960
5.5	6.6	4.4	6.7	1.1	1.2	.5	1.3	.4	.5	.3	.3	.4	
.3	.3	.4	2.7	3.4	2.5	9.5	9.9	7.1	5.6	3.9	2.0	2.9	79.8 1961
3.4	2.1	5.4	.8	.8	1.6	.8	1.2	1.0	.5	.2	.2	.4	
1.2	1.1	.5	1.3	1.8	2.9	12.2	10.1	7.6	3.2	4.7	1.5	1.1	67.5 1962
.9	.8	1.9	2.0	2.9	.3	2.1	.5	.9	1.0	1.2	1.0	.9	
1.4	6.3	1.5	.4	2.0	6.5	3.5	4.2	5.6	3.2	2.2	1.4	3.4	58.4 1963
1.9	2.2	2.3	.9	.9	.7	.5	.3	.4	.3	.3	2.2	.7	
.5	.3	.4	.5	.7	1.1	11.4	6.6	6.1	4.7	1.8	1.3	1.6	50.6 1964
1.4	1.0	1.1	1.4	1.2	.7	.3	1.8	.8	1.3	.2	.1	.1	
.1	.1	.1	.2	.3	3.1	8.4	16.4	10.0	7.7	4.1	3.8	2.4	68.0 1965
4.1	1.6	.8	.7	.7	1.5	.6	.2	.1	.9	.6	.3	.5	
.2	.2	.2	2.2	.7	1.0	3.7	14.5	8.1	9.3	5.0	3.7	4.4	65.9 1966
1.8	2.1	1.3	1.0	.6	1.2	1.1	1.4	.4	.3	.3	.2	.5	
.7	.2	.2	1.6	.7	.7	11.2	9.6	4.9	6.7	5.2	1.7	3.3	58.5 1967
3.0	2.1	1.0	2.8	2.3	11.1	1.0	1.6	.4	.2	.3	.2	.3	
.2	.5	.4	1.0	.4	1.4	9.2	12.8	10.1	6.3	8.0	4.3	1.1	82.0 1968
.7	.4	2.0	2.1	.5	.4	.2	.7	.6	.6	3.0	.7	.3	
.3	.3	.3	.3	2.7	7.2	8.0	15.0	9.6	5.3	4.1	3.0	1.9	70.3 1969
2.4	6.8	1.8	3.4	.5	.3	.6	3.1	.6	.8	.4	.4	2.5	
1.0	.4	.5	1.0	2.8	5.5	8.8	5.0	6.6	7.4	3.0	1.5	1.4	68.4 1970
3.8	1.2	2.3	2.0	3.2	1.3	1.1	.9	.3	4.0	1.3	.4	1.9	
1.3	1.5	.7	1.3	2.8	10.2	11.0	10.2	10.6	9.1	4.9	2.6	2.5	92.5 1971
1.5	2.4	1.3	.6	3.5	.3	.6	2.4	6.9	3.1	1.7	.4	.6	
.5	.9	1.0	1.4	.7	1.6	4.2	8.0	13.5	11.8	5.9	4.1	3.9	82.9 1972
3.4	1.7	1.6	.6	1.2	.6	.3	.2	.3	1.2	.4	.4	1.3	
1.4	.8	6.9	5.6	4.1	12.4	10.5	10.8	6.8	5.2	4.6	3.1	4.9	90.3 1973
3.4	2.0	.7	2.7	2.8	.8	.5	.3	.3	.2	.2	.2	.5	
.5	.4	.3	.6	1.5	2.3	7.6	8.0	15.2	10.4	7.9	4.8	2.1	76.3 1974
.7	.5	2.2	3.2	1.9	1.0	.5	.3	.5	.3	.2	2.5	5.1	
3.4	1.6	.5	2.0	1.6	4.7	13.4	9.8	5.9	3.3	1.7	1.0	.7	68.6 1975
.2	.7	2.7	10.6	5.3	3.1	.6	.3	.4	.4	.3	.3	.3	
.3	.3	.2	.2	.1	1.9	11.4	12.3	13.6	12.8	6.5	4.3	1.9	91.1 1976
1.3	1.4	1.2	6.9	1.6	.5	1.7	1.5	.4	.3	1.4	.4	.2	
.2	.2	.4	.3	2.3	6.5	9.7	11.4	8.5	9.1	8.5	5.0	5.0	85.9 1977
3.3	2.9	1.8	1.2	1.5	.7	2.9	4.7	.7	.5	.5	.4	1.2	
.5	.3	.3	.8	.6	.4	3.8	14.9	11.3	8.9	6.2	4.9	2.9	77.9 1978
3.4	1.0	4.5	4.6	2.5	.7	.4	1.4	.8	.9	.5	.4	.7	
.5	.8	1.1	1.3	3.2	12.2	8.1	11.4	7.4	5.1	3.9	3.1	1.7	81.7 1979
2.1	3.9	2.1	.7	3.5	.8	.5	.3	.3	.3	.6	.5	1.3	
.7	.4	1.3	1.9	.8	6.0	5.5	6.5	10.2	8.1	7.4	5.1	3.7	74.3 1980
4.2	6.9	1.0	.8	1.3	1.2	1.7	.9	.6	.5	.4	1.2	1.0	
1.0	.7	.7	1.7	1.8	6.2	6.4	9.9	10.8	11.4	10.9	5.2	4.8	93.0 1981
2.3	2.5	4.6	3.1	3.6	.8	.4	.4	.5	.3	1.7	.5	.8	
1.4	.6	.3	.3	.4	.7	2.2	9.7	14.4	9.0	6.9	4.6	2.5	74.7 1982
.8	2.5	1.0	.7	.6	.7	1.2	.7	.4	.3	.4	.6	1.3	
.6	.5	.7	.9	4.0	7.0	12.6	11.6	7.7	5.6	2.9	1.7	1.4	68.3 1983

Meðalrennsli (Gl/2vikum) MQ (Gl/ári)

2.4	2.4	2.1	2.4	2.1	1.7	1.1	1.3	.8	.8	.7	.8	1.0	
.9	.9	.9	1.3	1.8	4.8	8.5	9.6	8.9	6.9	5.0	3.1	2.7	74.9

Meðalrennsli 34 ára: 2.38 m3/s

Vatnasvið: 36.0 km2

Meðalafrennsli: 66.1 l/s*km2

LÝSING: Rennslisáætlun OS-88069/15B. 1950/83.