

Raforkumálastjóri  
Vatnamælingar

Skilagrein

238  
~~230~~

VERKEFNI SKÝRSLUVÉLA

í jan./febr. 1962

Jan. 1962

S. Rist

*1. Vinnu eintek*

S Kijifundit, at

010951 hi 03/0856

par d keyr

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Raforkumálastjóri  
Vatnamælingar

SKILAGREIN 230  
VERKEFNI SKÝRSLUVÉLA  
Í JAN. 1962  
SR/sg

31.1.62

Vhm	Byrjunarstaða	Vélritun á Kápur	Vatnsár	Parf að <sup>Birder</sup>
002		Sog <sup>Ljosefoss 1050 km<sup>2</sup></sup>	58/59, 59/60, 60/61	57/58 <sup>59/60 57/58</sup>
x) 10	<del>7149.670</del> 31.08.56	Svartá, Skagafirði Reykjafoss 390 km <sup>2</sup>	58/59, 59/60, 60/61	<del>56/57</del> , 57/58
012	1739.300 31.08.57	Haukadalsá, Dalasýslu n. Haukadlasvatns 162 km <sup>2</sup>	58/59, 59/60, 60/61	57/58
016	1072.950 31.08.58	Straumfjarðará, Snæf. n. n. Baulárvallavatn 31 km <sup>2</sup>	58/59, 59/60, 60/61	
017	38498.420 31.08.56	Lagarfljót Lagarfoss 2800 km <sup>2</sup>	56/57, 57/58, 58/59 59/60, 60/61	
020	102.855.000 31.08.56	Jökulsá á Fjöllum Dettifoss 7000 km <sup>2</sup>	58/59, 59/60, 60/61	56/57, 57/58
25	2825.340 31.08.57	Breiðdalsá, Breiðdal Beljandi 148 km <sup>2</sup>	57/58, 58/59, 59/60 60/61	
x) 30	<del>137845.430</del> 31.08.58	Þjórsá Urriðafoss 7200 km <sup>2</sup>	58/59, 59/60, 60/61	<del>46/47</del> -57/58 <sup>55/56, 56/57</sup>
36	1133.340 31.08.56	Efri-Laxá, Ásum n. Svínavatns 241 km <sup>2</sup>	57/58, 58/59, 59/60	56/57
x) 43	20710.220 31.08.58	Brúará, Biskupstungum Dynjandi 670 km <sup>2</sup>	58/59, 59/60, 60/61	<del>48/49</del> -57/58 <sup>55/56, 56/57</sup>
44	697.586 31.08.57	Botnsá, Hvalfirði n. Hvalvatns 34 km <sup>2</sup>	58/59, 59/60, 60/61	57/58
45	2326.570 31.08.56	Vatnsdalsá, Vatnsdal Forsæludalur 450 km <sup>2</sup>	58/59, 59/60, 60/61	56/57, 57/58
46		Varná, Hveragerði Reykjafoss 55 km <sup>2</sup>	57/58, 58/59, 59/60 60/61	
50	18890.540 31.08.56	Skjálfandafliót Goðafoss 3420 km <sup>2</sup>	56/57, 57/58, 58/59 59/60, 60/61	
55	311.824 31.08.57	Smyrlabjargaá, Suðursv. Smyrlabjargafoss 200 km <sup>2</sup>	58/59, 59/60, 60/61	57/58
57	0	Hvítá, Árnessýslu n. Hvítárvatns 840 km <sup>2</sup>	59/60, 60/61	
x) 64	97551.350 31.08.58	Ölfusá Selfoss 5760 km <sup>2</sup>	58/59, 59/60, 60/61	<del>50/51</del> -57/58 <sup>55/56, 56/57</sup>
66	12129.340 31.08.55	Hvítá, Borgarfirði Kljáfoss 1685 km <sup>2</sup>	56/57, 57/58, 58/59 59/60, 60/61	55/56
x) 68	10320.062 31.08.58	Tungufliót, Biskupst. Faxi 720 km <sup>2</sup>	58/59, 59/60, 60/61	<del>51/52</del> , 57/58 <sup>55/56, 56/57</sup>
x) 27	1840.580 31.08.57	Skógá, Austur-Eyjafj. Skógafoss 34 km <sup>2</sup>	57/58, 58/59, 59/60 60/61	

x) sjá næstu bladsíðu

Vhm	Byrjunarstaða	Vélritun á kápur	Vatnsár	þarf að endurkeyra
74	755.180 31.08.57	Laxá í Nesjum Meðalfellsgljúfur 50 km <sup>2</sup>	57/58, 58/59, 59/60 60/61	
X 87	30464.760 31.08.58	Hvítá, Árnessýslu Gullfoss 2000 km <sup>2</sup>	58/59, 59/60, 60/61	<del>49/50</del> <sup>55/56, 56/57</sup> 57/58
94	0	Þórisós Vað 330 km <sup>2</sup>	58/59, 59/60, 60/61	
95	0	Kaldkvísl 1420 km <sup>2</sup> Stíflust. Sauðafell	60/61	
96	0	Tungnaá, Vatnaöldur Hófsvað 1350 km <sup>2</sup>	59/60, 60/61	
97	0	Þjórsá 6380 km <sup>2</sup> Tröllkonuhlaup	60/61	
098	0	Tungnaá Hald 3440 km <sup>2</sup>	60/61	
099	0	Fossá, Þjórsárdal Hálfoss 125 km <sup>2</sup>	58/59, 59/60, 60/61	
X 107	41568.404 31.08.55	Hvítá, Árnessýslu Árhraun 4360 km <sup>2</sup>	<del>50/51-57/58</del> 55/56, 56/57, 57/58	<del>58/59, 59/60</del> 58/59, 59/60
112	0	Þjórsá Dyngur 2615 km <sup>2</sup>	60/61	
022	55281.630 31.08.55	Sogið, Grafvingi		55/56 - 57/58
030	104149.540 31.08.55	Þjórsá, Urrið-foss		55/56 - 57/58
043	14571.190 31.08.55	Þróuvá, Þvík.		57/56 - 57/58
064	60686.860 31.08.55	Ölfusa, Ám		57/56 - 57/58
066	12129.340 31.08.55	Hvíli, Þing		
068	5896.890 31.08.55	Tungnafljót		57/56 - 57/58
087	20080.760 31.08.55	Hvíli, Gullfoss		57/56 - 57/58
107	41.568.404 31.08.55	Hvíli, Árhraun		57/56 - 57/58
010	7438.230 31.08.57	Svarða, Skag.		57/58

Viðbætur.

Upphafsstæða heildarsummutekjara, þar sem endurkeyrslu lýkur:

Vnm	Upphafsstæða	31/8 19 ....
010	7722.890	58
012	1898.520	58
020	114000.735	58
036	1288.002	57
044	738.533	58
045	2826.795	58
055	344.714	58
030	137947.430	58
043	20710.220	58
064	97551.350	58
066		
068	10320.062	58
087	30464.760	58
107	66225.592	58

Vhm	L	H	Soil lykils	Vantar
10	45	115	30-180	EKKAL hjo Skjvltuo, O.K
12	116	260	115-309	116 EKKAL O.K
16	12	75	10-100	EKKAL ( alk,
17	113	495	70-550	<del>Vantar</del>
20	70	272	50-390	<del>Vantar</del> <del>EKKAL</del>
25	91	300	90-309	<del>Vantar</del> <del>EKKAL</del>
27	61	179	30-150	<del>Vantar</del> 159-179
30	79	520	50-450	<del>Vantar</del> 451-520
36	45	128	45-132	EKKAL
43	65	316	30-290	<del>291-316</del> hjo lykell
44	146	248	140-250	EKKAL hjo lykell
45	48	260	0-259	260 hjo lykell
46	27	130	20-160	Folluut EKKAL
50	<del>110</del>	390		hjo lykell
55	001	170	0-150	EKKAL O.K
57	100	270	60-210	211-270

Shm	L	H	Suit 1yKils	Quarter for 1/2 EKKerL 1/2 meter
64	148	531	110-600	
66	155	500	140-500	EKKerL OK
68	120	330	80-380	EKKerL OK
74	110	240	100-250	EKKerL OK
87	104	670	100-550	NY 60% 100-170 550-670
94	149	205	130-210	n-70 Cylle EKKerL
95	112 =	340	100-209	n-90 Cylle 210-340
96	118 +	268	41-290	n-10 EKKerL
97	090	465	090-465	n-11 EKKerL
98	120	373	90-379	n-12
99	117	281	110-279	280+281

235  
161  
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258

TIL SKÝRSLUVÉLA LISTUN RENNSLIS-  
SKÝRSLNA Í FEBRÚAR 1962  
SR/sg

12.2. '62

Vhm nr.	Lokadagur og tala		Listun eftir spjöldum:			
			gömlum			nýjum
002	310855	55.261,630 <sup>8</sup>	55/56	56/57	57/58	58/59 59/60
010	310857	7.438,230			57/58	58/59 59/60 60/61
012	310857	1.739,300			57/58	58/59 59/60 60/61
016	310858	1.072,950				58/59 59/60 60/61
017	310856	38.498,420				56/57 57/58 58/59 59/60 60/61
020	310856	102.855,000		56/57	57/58	58/59 59/60 60/61
025	310857	2.825,340				57/58 58/59 59/60 60/61
027	310857	1.840,580				57/58 58/59 59/60 60/61
030	310855	104.149,540	55/56	56/57	57/58	58/59 59/60 60/61
036	310856	1.133,340		56/57		57/58 58/59 59/60
043	310855	14.571,190	55/56	56/57	57/58	58/59 59/60 60/61
044	310857	697,586			57/58	58/59 59/60 60/61
045	310856	2.326,570		56/57	57/58	58/59 59/60 60/61
050	310856	18.890,540				56/57 57/58 58/59 59/60 60/61
055	310857	311,824			57/58	58/59 59/60 60/61
057	0					59/60 60/61
064	310855	60.686,860	55/56	56/57	57/58	58/59 59/60 60/61
066	310855	12.129,340	55/56			56/57 57/58 58/59 59/60 60/61
068	310855	5896,890	55/56	56/57	57/58	58/59 59/60 60/61
074	310855	755,180				57/58 58/59 59/60 60/61
087	310855	20.080,760	55/56	56/57	57/58	58/59 59/60 60/61
094		0				58/59 59/60 60/61
095		0				60/61
096		0				59/60 60/61
097		0				60/61
098		0				60/61
099		0				58/59 59/60 60/61
107	310855	41.568,404	55/56	56/57	57/58	(58/59 59/60) útbúin hjá Skýrsluvélum
112		0				(60/61 útbúin hjá Skýrsluvélum)



Athugasemdir varðandi Vhm 107 og 112

Vhm 107 er Hvítá við Árhraun. Daglegt va<sup>g</sup>n hennar þar, er þannig fundið:

MdQ Vhm 107 = MdQ Vhm 064 Ölfusá ÷ 1,167 MdQ Vhm 002 Sog

Vhm 112 er Þjórsá við Dynk. Daglegt vatn hennar þar er fundið þannig:

MdQ Vhm 112 = MdQ Vhm 097 Tröllkonuhlaup ÷ MdQ Vhm 098 Hald ÷ 1,88 MdQ Vhm 099 Fossá

Staða heildarsummutekjara

002	Sog	310855	55281,630
029	Andakilsá 1.9.49		0
032	Laxá, S-Þing.	310856	12207,540
106	Grímsá	310857	11882,040

Viðbót

Þegar listun gömlu spjaldanna lýkur, eiga þessar tölur að koma fram í heildarsummutekjara.

310858	010	Svartá	7722,890
"	012	Haukadalsá	1898,520
"	020	Jökulsá, Dettifoss	114000,735
"	030	Þjórsá	137947,430
310857	036	Efri-Laxá	1288,002
310858	043	Brúará	20710,220
"	044	Botnsá	738,533
"	045	Vatnsdalsá	2826,795
"	055	Smyrlabjargá	344,714
"	064	Ölfusá	97551,350
"	066	Hvítá, Borg	
"	068	Tungufljót	10320,062
"	087	Hvítá, Gullf.	30464,760
"	107	Hvítá, Árhraun	66225,592

Óþekkt

Vhm	F, km <sup>2</sup>	1000 · $\frac{1}{F}$
002	1050	0.9524
010	390	2.5641
012	162	6.1728
016	31	32.258
017	2800	0.35714
020	7000	0.14286
025	148	6.7568
027	34	29.4120
029	143	5.1813
030	7200	0.13889
032	1550	0.64516
036	241	4.1494
043	670	1.4925
044	34	29.412
045	450	2.2222
046	55	18.182
050	3420	0.29240
055	20	50.000
057	840	1.1905
064	5760	0.17361
066	1685	0.59347
068	720	1.3889
074	50	20.000
081	48	20.833
087	2000	0.50000
094	330	3.0303
095	1120	0.89286
096	1350	0.74074
097	6380	0.15674
098	3440	0.29070
099	125	8.0000
106	500	2.0000
107	4360	0.22936
112	2615	0.38241
083	47	21.277
071	342	2.9240

(Margföldun á rennsli hverrar ár  
 (í kl/s) með 1000.  $\frac{1}{\text{vatnasvið}}$  gefur  
 afrennsli vatnasvæðis hennar  
 (í l/s.km<sup>2</sup>))

Þegar reikna skal út heildarrennsli  
 sólarhringsins (í Gl) eftir meðal-  
 rennslinu (í kl/s.), er notuð for-  
 mulan:

$$Gl/d = kl/s. \cdot 0,0864$$

$$1/7 = 0,142857$$

Stuðullinn  $1000 \cdot \frac{1}{F}$  kemur í stað  $K_1$ .

Stuðlarnir  $K_2$  og  $K_3$  koma ekki við  
 sögu í ár (þeir notast aðeins, þegar  
 stærðin er Gígalítrar).

Stuðullinn  $K_4 = \frac{1}{d}$  er þessi:

fyrir 28 daga mánuð	0.035714
" 29 " "	0.034483
" 30 " "	0.033333
" 31 dags "	0.032258

Til að breyta Gígalítrum pr. dag í kílólítra á sekúndu skal  
 margfalda Gígalítrana með 11.5741.

Afhugasemdir og listur dagsetur  
fyrir vatnaæðlingar

Stata heildaræðinguljara

002	Sog	310855	55281,630
029	Andkilsó	1/9'49	0
032	Laxi, S-ping	310856	12207,540
106	Grimsa	310857	11882,040

Vilboð

Þegar listur gömlu spjaldanna liggur eiga  
þessar tölur á Komu þann i heildaræðinguljara

310858	010	Suarta	7722,890
-	012	Haukdalsó	1898,520
-	020	Jökulsó, Dettifoss	114000,735
-	<del>036</del>	<del>Efri-Laxó</del>	
-	030	Þjórsó	137947,430
310857	036	Efri-Laxó	1288,002
310858	043	Brausó	20710,220
-	044	Botnaó	738,533
-	045	Vahnudalsó	2826,795
-	055	Smyrteþarægi	344,714
-	064	Ólfusa	97551,380
	066	Hviti, Borg	
	068	Tungufljót	10320,062
	087	Hviti, Gullf.	30464,760
	107	Hviti, Abraham	66225,592

í þessum

22/2'62  
S. Ríól