

Results from measurements 2021

**A. Deposition of Aeolian density in the summer of 2021**

Dust measurements 2019						
Period	Inhabited area		East of Háslón			West of Háslón
	1 Strönd	4 Hvanná	6 Lindabunga	7 Kofalda	10 Búrf.tögl	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June	1,782	2,628	7,100	2,145	1,316	
July	0,240	0,1251	8,060	9,354	3,661	2,423
August	0,118	0,042	0,105	0,052	0,273	0,062

Measurement are in all cases except one <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2021**

Date	Classification of measurements			Water level of reservoir
	1	2	3	
June 24.	4,15			585,92
June 25.	3,15	2,15		586,1
June 26.	8,15	4,15	2,15	586,44
June 29.	5,15	0,45		587,78
June 30.	13,15	1,15		588,55
July 1.	1,15			589,51
July 4.	0,30			592,28
July 5.	3	0,45		593,08
July 6.	1,30	0,3		593,88
July 7.	4,15			594,66
July 8.	2,15			595,49
July 9.	4	0,30	0,15	596,31
July 10.	3			597,15
July 11.	0,15			597,99
July 12.	5,15	1,30	1	598,83
July 13.	6,30	3,30	0,30	599,67
July 15.	2,30	1,30	1,15	601,07
July 16.	2,30			601,84
July 18.	0,45	0,30		603,42
July 21.	2,30			605,85
July 22.	2,15	1		606,68
July 23.	0,30			607,52
July 24.	0,45			608,36
July 25.	2,15			609,17
<b>Total hours</b>	<b>80,00</b>	<b>18,15</b>	<b>5,15</b>	<b>Overfall 625m</b>

Results from measurements 2020

**A. Deposition of Aeolian density in the summer of 2020**

Dust measurements 2019						
Period	Inhabited area		East of Hálslón			West of Hálslón
	1 Strönd	4 Hvanná	6 Lindabunga	7 Kofalda	10 Búrf.tögl	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June	0,109	1,562	1,207	0,468	0,926	0,600
July	0,140	0,205	0,146	0,233	0,829	0,028
August	0,140	0,131	1,324	1,063	0,452	0,831

Measurement are in all cases except one <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2020**

Date	Classification of measurements			Water level of reservoir
	1	2	3	
June 8.	3			586,7
June 11.	4,15			586,9
June 12.	8,3	3	0,15	588
June 14.	3			589,1
June 17.	6	2		590,9
June 18.	5,15	1		591,5
June 19.	3			592,1
June 21.	3,15	1		593,3
June 22.	3,15			593,9
June 23.	7	0,45		594,5
June 24.	2			595,1
June 25.	5	2		595,8
July 4.	6,15			601,7
July 5.	9,3			602,2
July 8.	2,15			603,2
July 12.	2,3			604,5
July 15.	1			605,9
July 16.	9,45	4,15	0,5	606,4
July 21.	5,3	0,45		608,3
July 22.	0,45			608,8
July 29.	0,45			611,9
August 6.	2			615,3
August 7.	4,3			615,9
<b>Total hours</b>	<b>95,15</b>	<b>14.45</b>	<b>0,45</b>	<b>Overfall 625m</b>

Results from measurements 2019

**A. Deposition of Aeolian density in the summer of 2019**

Dust measurements 2019						
Period	Inhabited area		East of Hálslón			West of Hálslón
	1 Strönd	4 Hvanná	6 Lindabunga	7 Kofalda	10 Búrf.tögl	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June	0.08	0.21	0.71	0.34	0.04	0.13
July	0.35	0.26	1.99	1.69	2.02	1.49
August	0.11	0.32	0.11	0.14	0.07	<b>5.56</b>

Measurement are in all cases except one <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2019**

Date	Classification of measurements			Water level of reservoir
	1	2	3	
May 13.	3.15			602.39
May 14.	5.3			602.34
May 15.	6.0	1.45	1.15	602.37
May 16.	4.3	2.0		602.48
May 17.	5.3	0.3		602.6
May 27.	5.15			602.78
May 28.	14.0	0.45		602.73
June 3.	2.45			601.99
June 6.	3.3			601.43
June 7.	9.3			601.25
June 8.	7.15			601.13
June 12.	8.0	2.45		600.79
June 13.	7.45			600.87
June 17.	1.3			601.0
June 23.	7.45	0.45	1.0	601.67
June 24.	1.45			601.96
June 25.	6.45	5.3	1.0	602.28
June 26.	11.45	5.15	1.0	602.75
June 27.	8.15	0.45	0.45	603.32
June 28.	5.45	0.3		603.97
July 2.	3.45			606.41
July 4.	2.0			607.44
July 6.	7.3			608.48
July 7.	0.45			608.99
July 9.	3.15			609.74
July 10.	4.3			610.1
July 13.	4.0	1.0		611.35
July 15.	6.15	0.45		612.38
<b>Total hours</b>	<b>153.35</b>	<b>19.75</b>	<b>4.6</b>	<b>Overfall 625m</b>

Results from measurements 2018

A. Deposition of Aeolian density in the summer of 2018

Dust measurements 2018				
Period	Inhabited area		East of Háslón	West of Háslón
	1 Strönd	4 Hvanná	10 Búrf.tögl	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June	0.391	0.813	2.246	1.029
July	1.397	0.643	0.607	0.587
August	0.175	0.334	0.223	0.127
September	1.026	0.009	0.474	0.006

Measurements are in all cases <5 g/m<sup>2</sup>

B. Aeolian deposition measurements with webcams summer of 2018

Number of hours, mineral dust was seen through webcams by Háslón reservoir in summer 2018				
Date	Classification of measurements			Water level of reservoir
	1	2	3	
May 28.	0.15			591.5
May 30.	0.30			592.2
May 31.	0.15			592.6
June 01.	0.45			593.0
June 02.	5.0	0.30		593.3
June 03.	6.0	0.30		593.7
June 06.	5.0			594.9
June 07.	1.0			595.4
June 08.	3.45	1.45		596.0
June 09.	3.0			596.5
June 10.	4.15	1.15		597.1
June 11.	3.0			597.6
June 12.	3.0	0.45		598.1
June 17.	1.0			600.2
June 20.	2.45			601.1
June 21.	2.30	1.30		601.3
June 22.	1.0			601.6
June 23.	1.5	1.0		602.0
June 24.	2.15			602.3
June 25.	5.15	4.0	6.30	602.8
June 26.	7.0	0.3		603.2
June 27.	1.45			603.6
June 28.	6.0	0.45	0.15	603.9
June 29.	5.45	2.15	1.15	604.3
June 30.	1.45			604.8
July 03.	0.15			606.3
July 07.	1.0			609.1
July 08.	5.0	0.30		609.9
July 09.	7.3	4.45	0.30	610.7
July 10.	5.0	1.45		611.4
<b>Total hours</b>	<b>93</b>	<b>22.0</b>	<b>8.3</b>	<b>Overfall August 4</b>

Results from measurements 2017

**A. Deposition of dust density in the summer of 2017**

Dust measurements 2017					
Time period	Inhabited areas		East of Háslón		West of Háslón
	1 Strönd	4 Hvanná	10 Búrf.tögl	7 Kofalda	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June/July	8.07	2.61	1.48	0.30	1.18
July/Aug	0.38	0.41	0.25	0.67	0.55
Aug/Sept	0.30	0.10	0.43	0.16	0.14

Measurement are in all cases except one <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2017**

Number of hours, mineral dust was seen through webcams by Háslón reservoir in summer 2017								
Date	Classification of					measurements	Description	Water level of reservoir
	1	2	3	4	5	Time		
May 29 <sup>th</sup>	0.15					11:30-11:45		602.3
June 10 <sup>th</sup>	1.3					16:00-21:00	Dust pollution intermittently	603.6
June 14 <sup>th</sup>	3.15					14:15-18:15	Dust pollution intermittently	603.6
June 16 <sup>th</sup>	0.3					16:30-17:00		603.8
June 17 <sup>th</sup>	3.3					10:30-18:00	Dust pollution intermittently	603.9
June 19 <sup>th</sup>	1.3							604.1
June 20 <sup>th</sup>	3					10:30-18:15	Dust pollution intermittently	604.2
June 21 <sup>st</sup>	5.45					03:15-15:15	Dust pollution intermittently	604.3
June 22 <sup>th</sup>	5.3					13:00-18:45		604.4
June 26 <sup>th</sup>	0.3					14:15-15:00		605.2
June 27 <sup>th</sup>	0.15					15:45-16:00		605.3
June 29 <sup>th</sup>	1					14:15-15:15		605.6
June 30 <sup>th</sup>	6.15	2	0.45			10:00-19:00	Dust pollution intermittently	605.8
July 3 <sup>rd</sup>	5.15					12:00-18:15	Dust pollution intermittently	606.6
July 5 <sup>th</sup>	7.45					13:45-22:15	Dust pollution intermittently	606.8
July 7 <sup>th</sup>	0.3					05:45-06:15		607.3
July 12 <sup>th</sup>	3.45					06:30-16:15	Dust pollution intermittently	608.7
July 15 <sup>th</sup>	4.45					15:15-20:45	Dust pollution intermittently	609.7
July 16 <sup>th</sup>	1.45					09:00-12:00	Dust pollution intermittently	610.1
July 22 <sup>nd</sup>	13.45					07:30-22:30	Dust pollution intermittently	613
July 23 <sup>rd</sup>	3.45					10:30-18:00	Dust pollution intermittently	613.9
July 25 <sup>th</sup>	0.15					18:30-18:45		615.5
<b>Total</b>	<b>70.15</b>	<b>2</b>	<b>0.45</b>				<b>Háslón went on overfall August 19<sup>th</sup></b>	<b>625</b>

Results from measurements 2016

**A. Deposition of Aeolian density in the summer of 2016**

Dust measurements 2016					
	Inhabited areas		East of Háslón		West of Háslón
Time period	1 Strönd	4 Hvanná	10 Búrf.tögl	7 Kofalda	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June/July	3.158	0.783	0.156	-	-
July/Aug	0.367	0.379	0.160	0.052	0.095
Aug/Sept	0.043	0.062	0.062	0.043	0.037

Measurement are in all cases <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2016**

Number of hours, mineral dust was seen through webcams by Háslón reservoir in summer 2016				
Date	Classification of measurements			Water level of reservoir
	1	2	3	
June 18.	5.0			604.1
June 19.	2.3			604.2
June 23.	1.45			604.3
June 24.	6.15			604.4
June 25.	0.3	0.3		605.2
July 14.	3.3			609.7
July 15.	1.0			610.1
August 16.	0.3			615.5
<b>Total hours</b>	<b>21.0</b>	<b>0.3</b>	<b>0.0</b>	<b>625</b>

0.15 = 15 minutes, 0.30 = 30 minutes, 0.45 = 45 minutes

Results from measurements 2015

**A. Deposition of Aeolian density in the summer of 2015**

Dust measurements 2015					
Time period	Inhabited areas		East of Háslón		West of Háslón
	1 Strönd g/m <sup>2</sup>	4 Hvanná g/m <sup>2</sup>	10 Búrf.tögl g/m <sup>2</sup>	7 Kofalda g/m <sup>2</sup>	8 Sauðárdal g/m <sup>2</sup>
June/July	0.249	0.147	0.143	-	-
July/Aug	1.274	0.274	0.079	0.099	0.066
Aug/Sept	0.009	0.353	0.118	3.024	0.197
Sept/Oct	0.271	0.453	0.388	0.567	1.032

Measurement are in all cases <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2015**

Number of hours, mineral dust was seen through webcams by Háslón reservoir in summer 2015						
Date	Classification of measurements					Water level of reservoir
	1	2	3	4	5	
June 26 <sup>th</sup>	4.15					581.4
<b>Total</b>	<b>4.15</b>	<b>0.00</b>	<b>0.00</b>			

0.15 = 15 minutes, 0.30 = 30 minutes, 0.45 = 45 minutes

Results from measurements 2014

**A. Deposition of Aeolian density in the summer of 2014**

Dust measurements 2014					
Time period	Inhabited areas		East of Háslón		West of Háslón
	1 Strönd	4 Hvanná	10 Búrf.tögl	7 Kofalda	8 Sauðárdal
	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>	g/m <sup>2</sup>
June/July	1.25	0.31	1.32	-	1.19
July/Aug	2.46	0.39	0.20	0.15	0.43
Aug/Sept	0.07	0.34	0.24	0.16	0.44

Measurement are in all cases <5 g/m<sup>2</sup>

**B. Aeolian deposition measurements with webcams summer of 2014**

Number of hours, mineral dust was seen through webcams by Háslón reservoir in summer 2014				
Date	Classification of measurements			Water level of reservoir
	1	2	3	
June 24.	8.0	1.0		583.9
June 25.	5.0			584.6
June 28.	1.3			587.0
June 30.	5.45	0.15		588.7
July 1.	6.0	1.45	1.0	589.5
July 9.	4.3			596.9
July 15.	3.45			601.7
July 16.	5.15			602.4
July 17.	3.45			603.2
July 22.	2.5			606.9
July 25.	3.75			609.5
<b>Total hours</b>	<b>49.45</b>	<b>3.0</b>	<b>1.0</b>	<b>625</b>

0.15 = 15 minutes, 0.30 = 30 minutes, 0.45 = 45 minutes