



Memo – Dredging activities in Landeyjahöfn 2018

To:

From: GOG

Date: 16.1.2019

Issue: Dredging activities in Landeyjahöfn 2018

Summary

In 2018 the dredging activities were divided into main periods, a spring campaign 2.3. to 21.6. and an autumn campaign between 14.9. and 13.11. Contractor was Jan De Nul, dredging vessel Galilei 2000. Table 1 gives a summary of dredged volumes during the respective campaigns. Total dredged volume amounts to 471 185m³ (surveyed) in 465 dredging trips.

<i>Area</i>	<i>Description</i>	<i>Spring m³</i>	<i>Autumn m³</i>	<i>Sum m³</i>
<i>Area 1</i>	<i>Inner harbour</i>	<i>49 147</i>	<i>0</i>	<i>57 766</i>
<i>Areas 2-5</i>	<i>Channel</i>	<i>162 993</i>	<i>76 892</i>	<i>235 885</i>
<i>Areas 6-7</i>	<i>Reef and buffers</i>	<i>160 667</i>	<i>16 867</i>	<i>177 534</i>
<i>Sum</i>		<i>372 807</i>	<i>93 759</i>	<i>471 185</i>
<i>Reported volume</i>		<i>402 106</i>	<i>113 344</i>	<i>515 450</i>
<i>Number of trips</i>		<i>367</i>	<i>98</i>	<i>465</i>
<i>Average load m³/trip</i>		<i>1 016</i>	<i>1 157</i>	<i>1 108</i>

Table 1. Dredged volumes in 2018. Dredged volumes are calculated from surveys.

Figures 1 and 2 show maps with dredging areas. Figures 3 through 14 show climate conditions at Landeyjahöfn during 2018.

Figure 1. Map showing dredging areas and position of dredging vessel according to position logs. The position logs imply concentration areas during the spring dredging campaign.

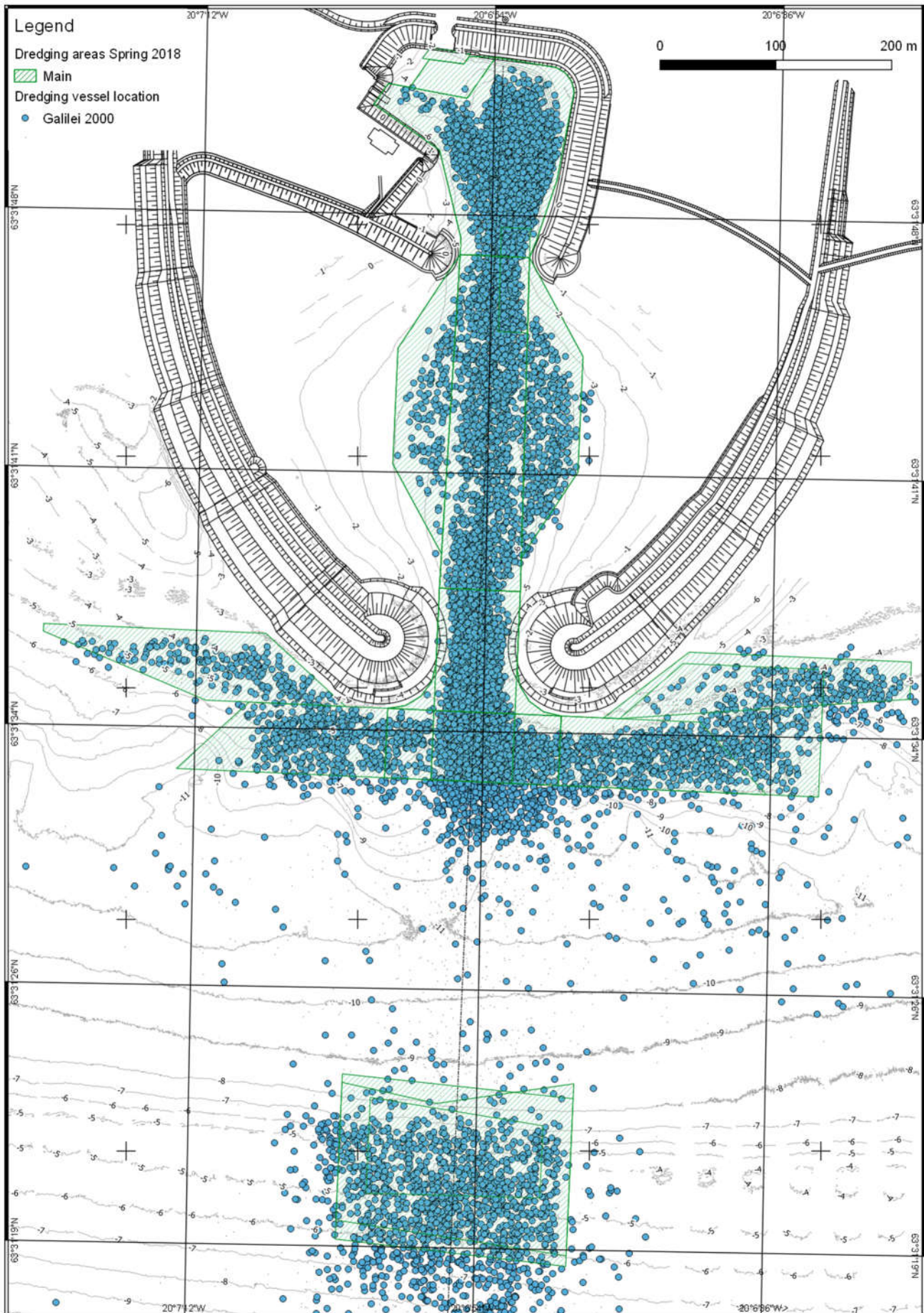


Figure 2. Map showing dredging areas and position of dredging vessel according to position logs. The position logs imply concentration areas during the autumn dredging campaign.

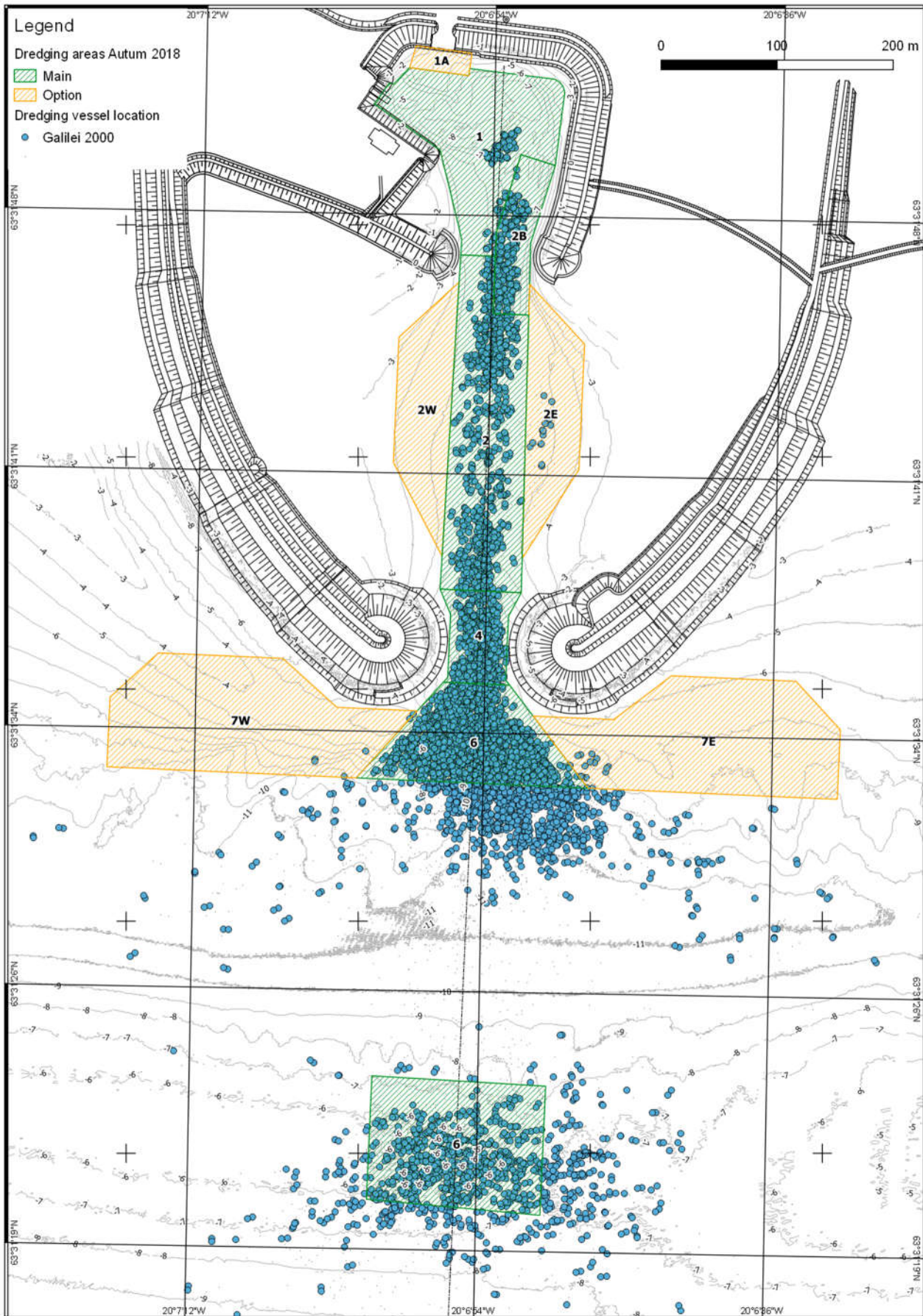


Figure 3. January 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour, and dredging.

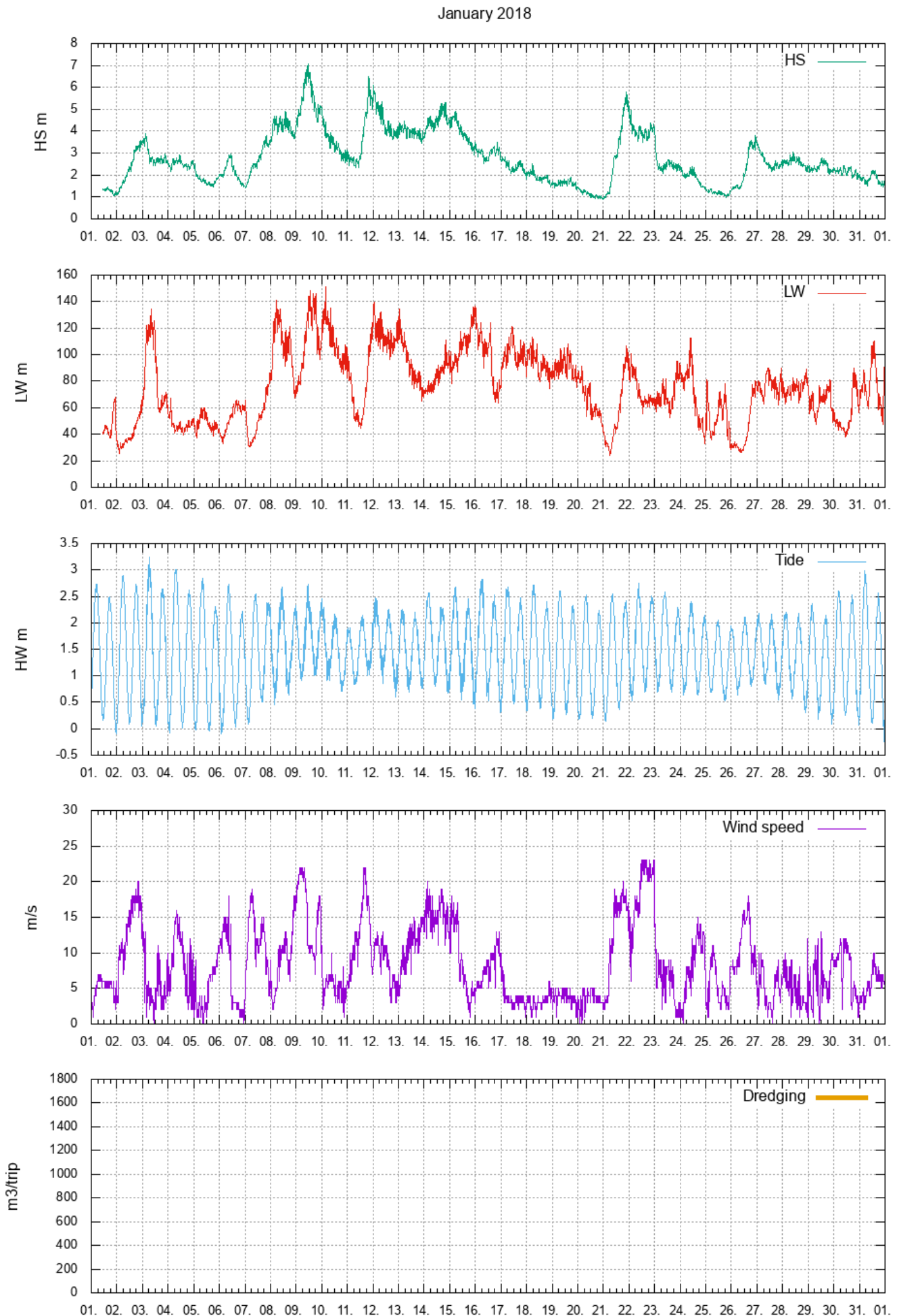


Figure 4. February 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

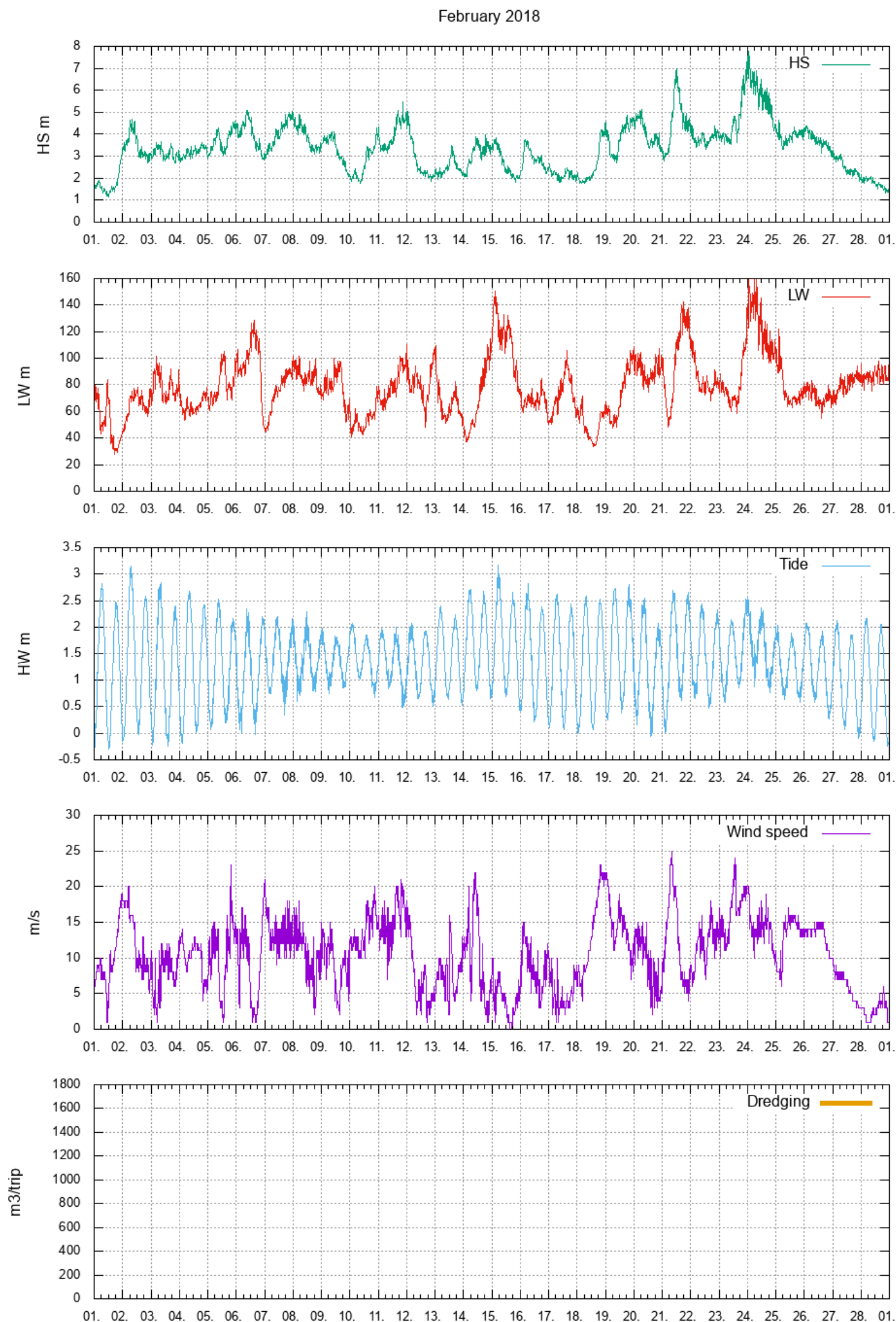


Figure 5. March 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

March 2018

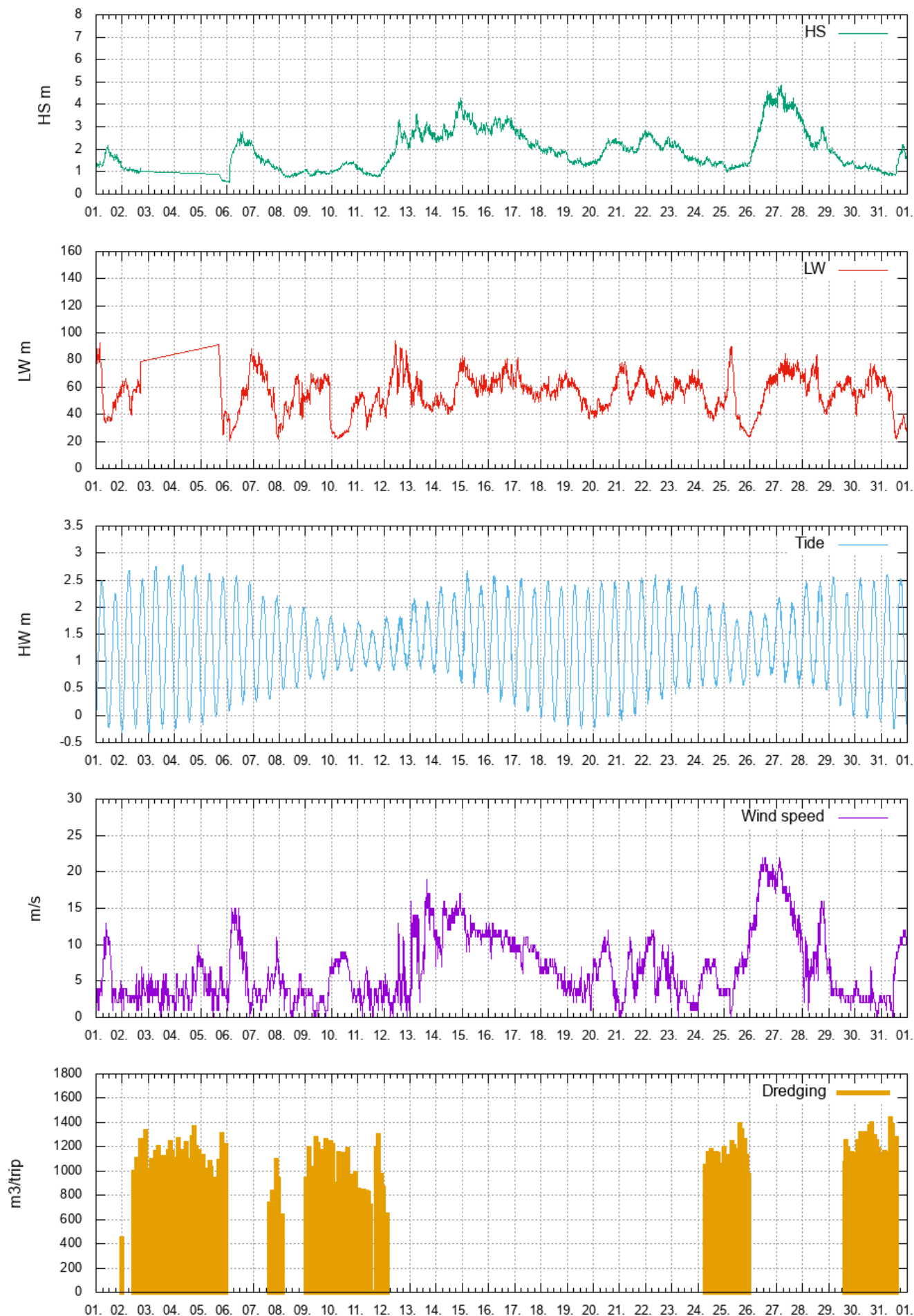


Figure 6. April 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

April 2018

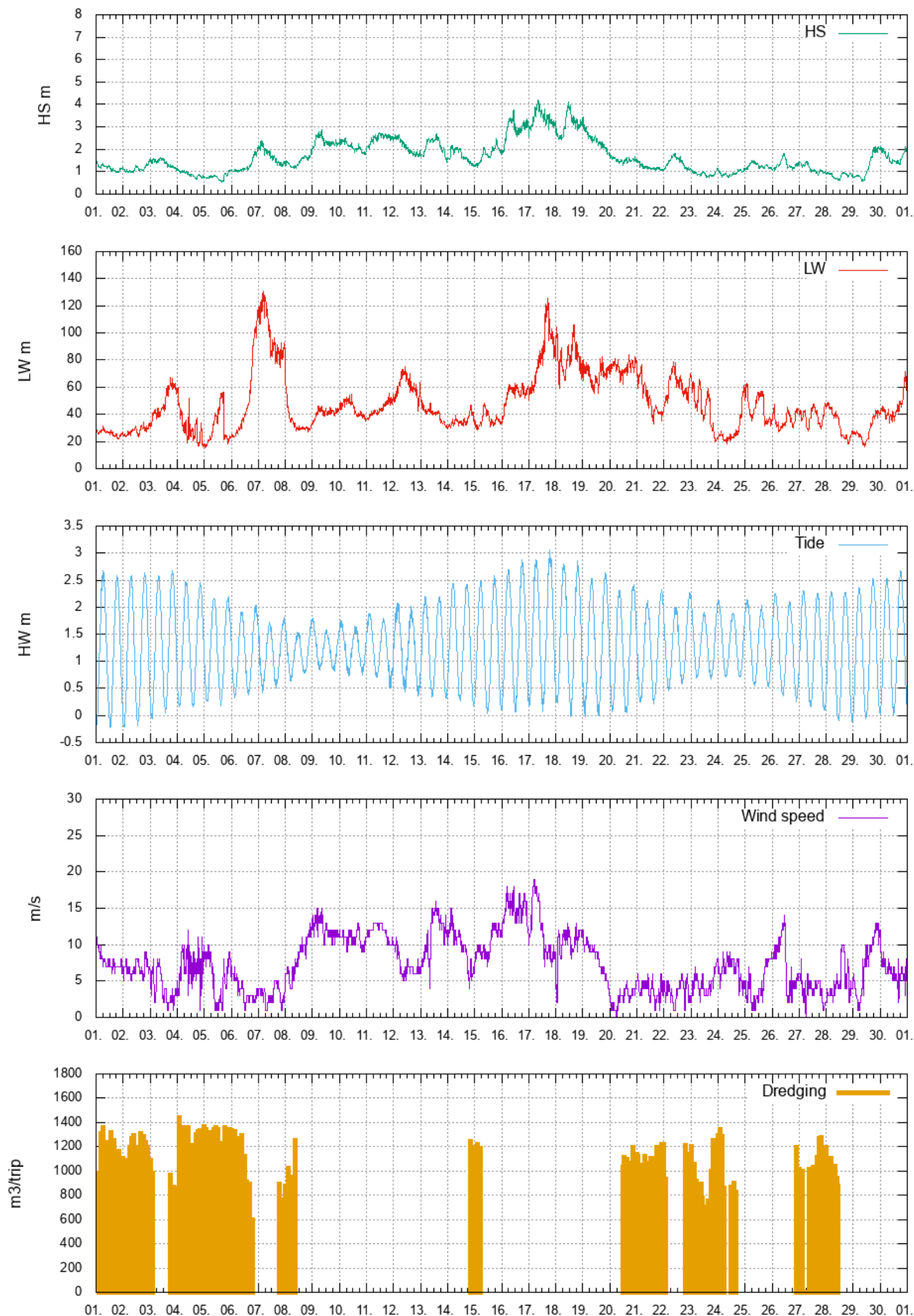


Figure 7. May 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

May 2018

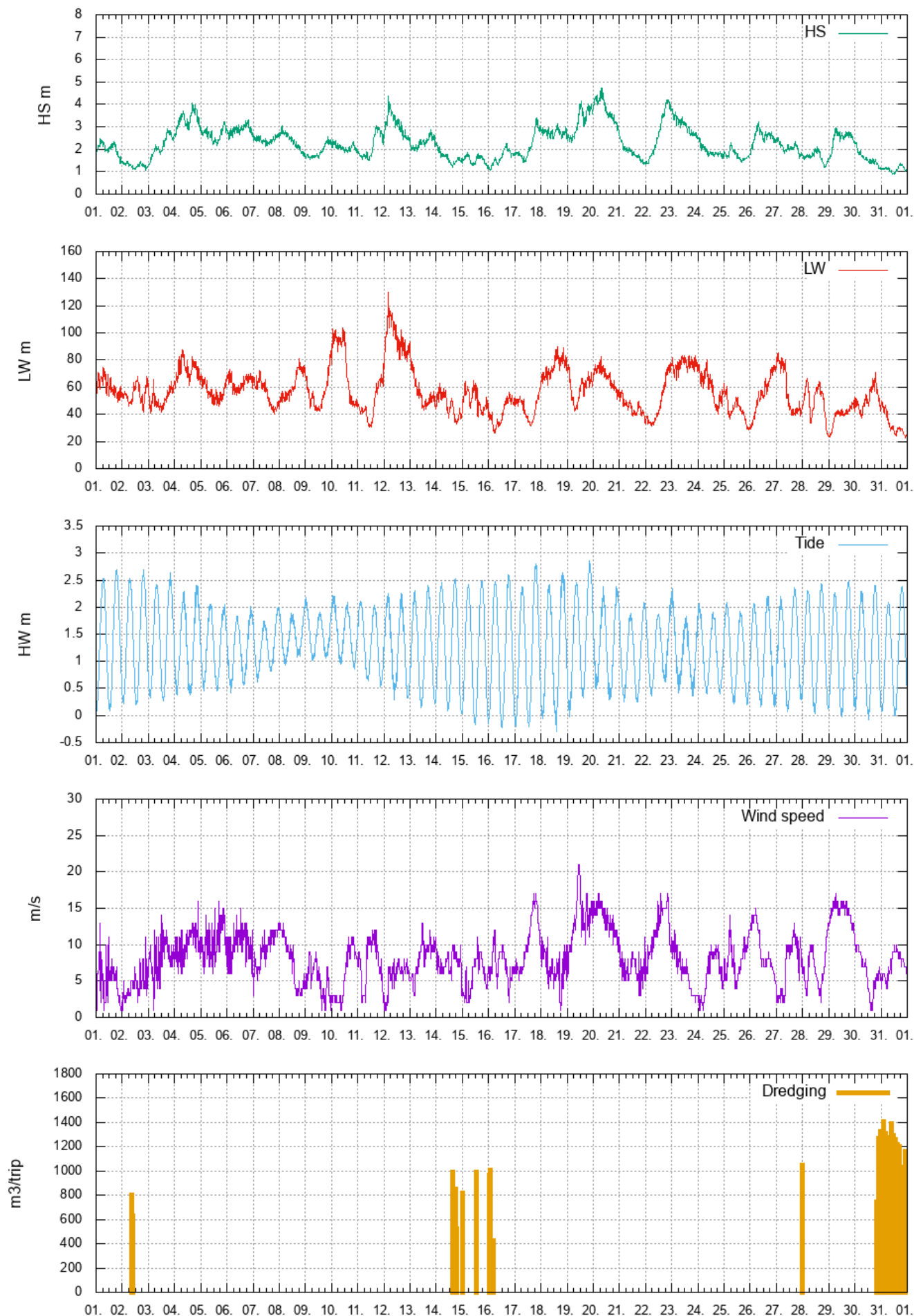


Figure 8. June 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

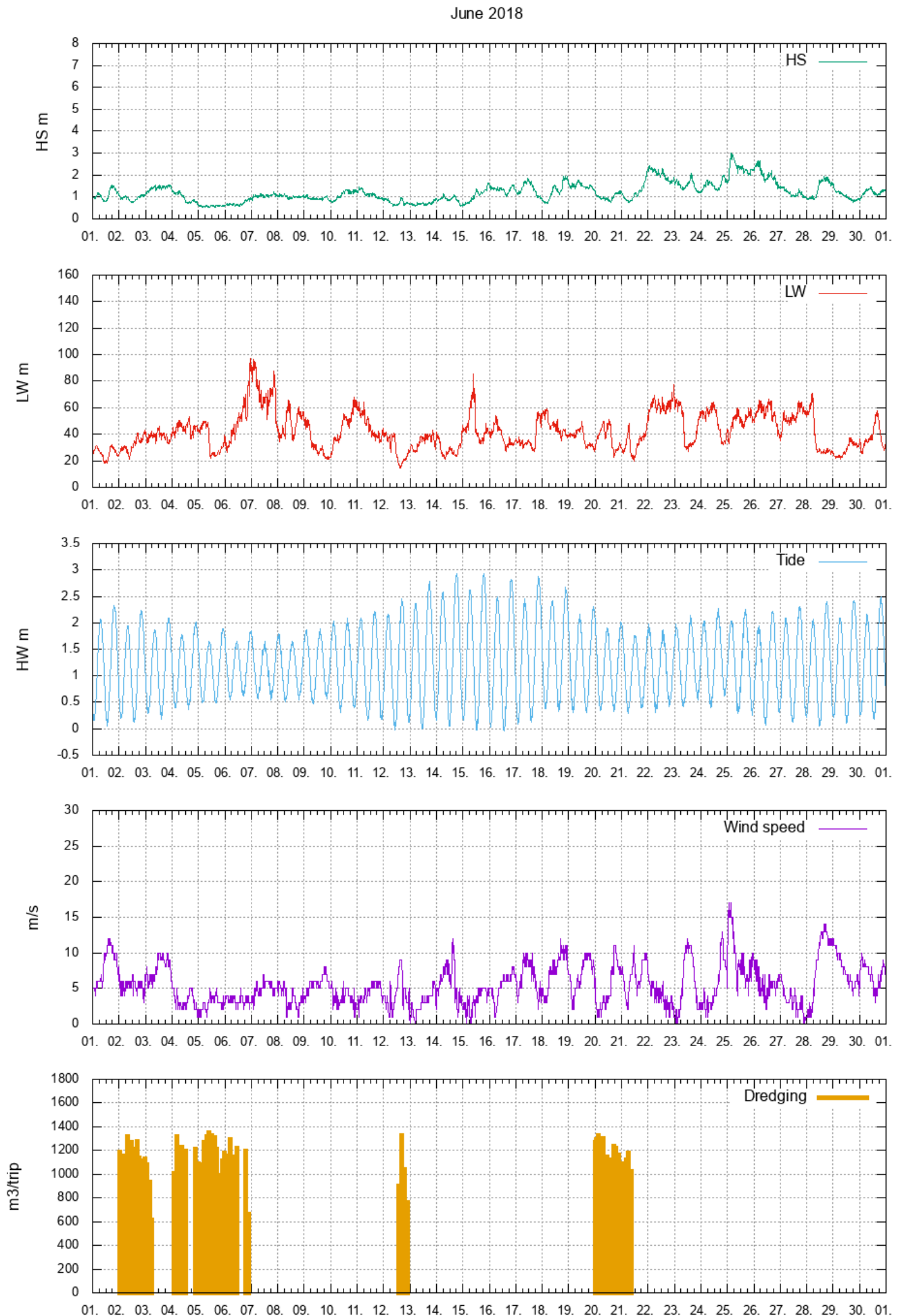


Figure 9. July 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

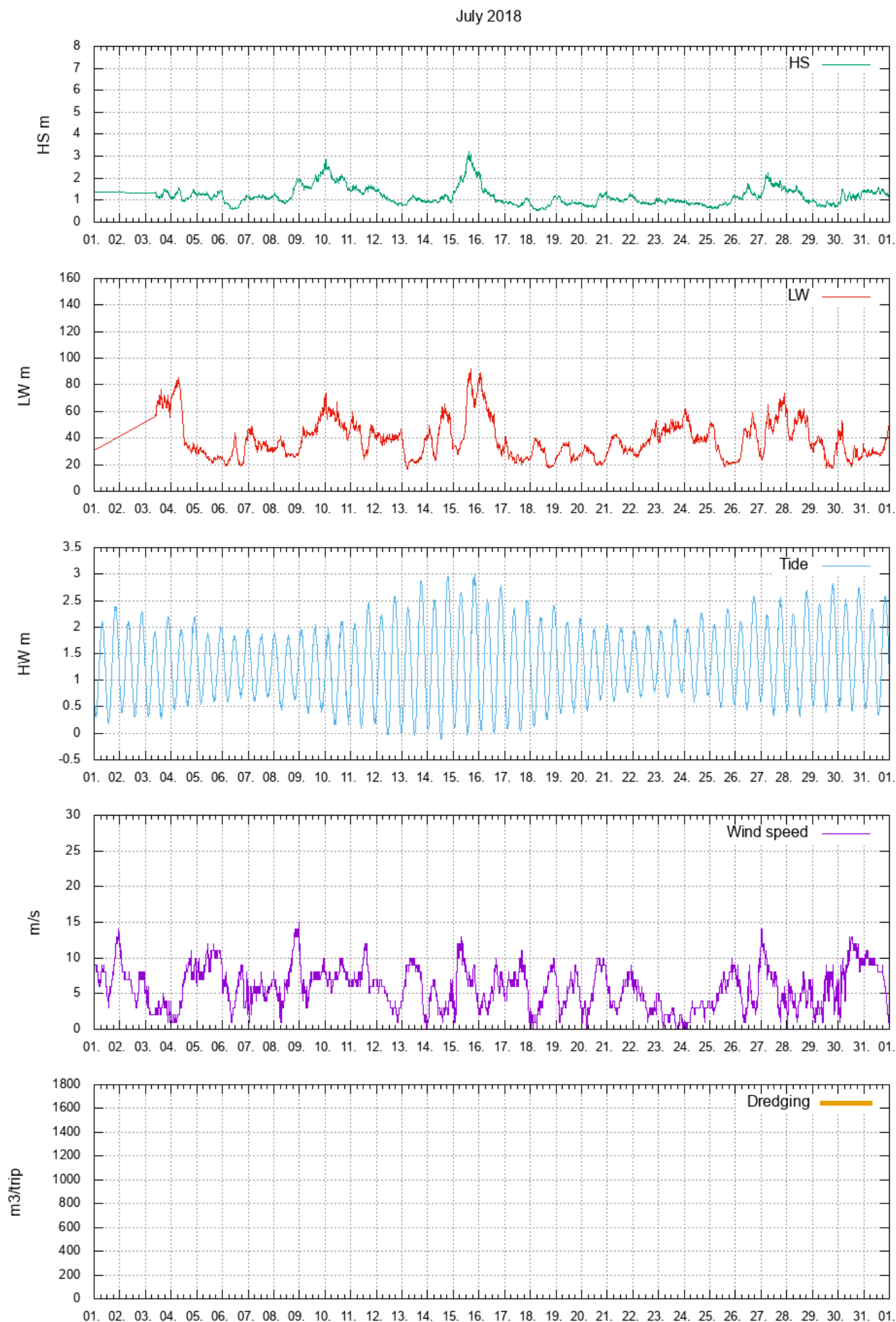


Figure 10. August 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

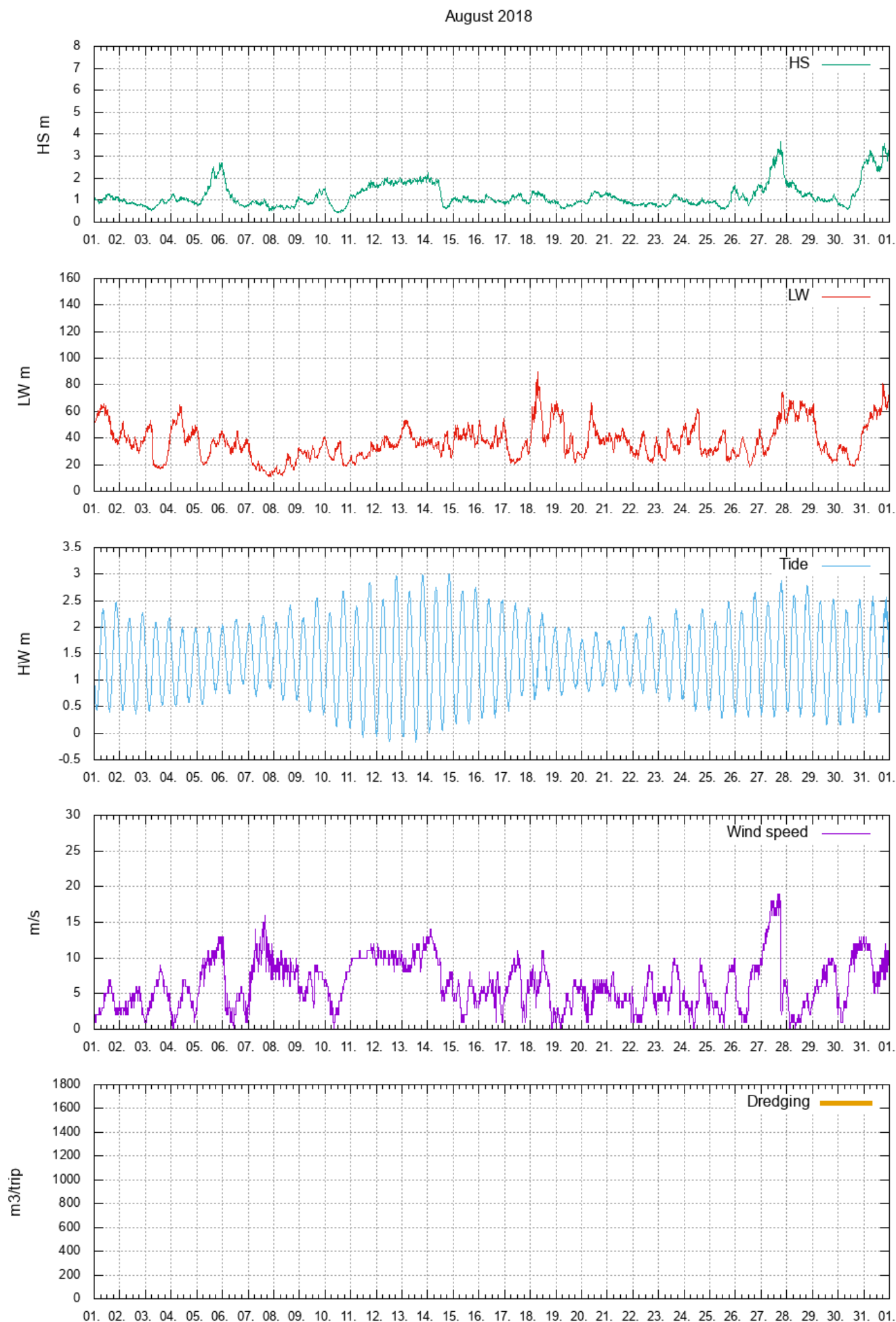


Figure 11. September 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

September 2018

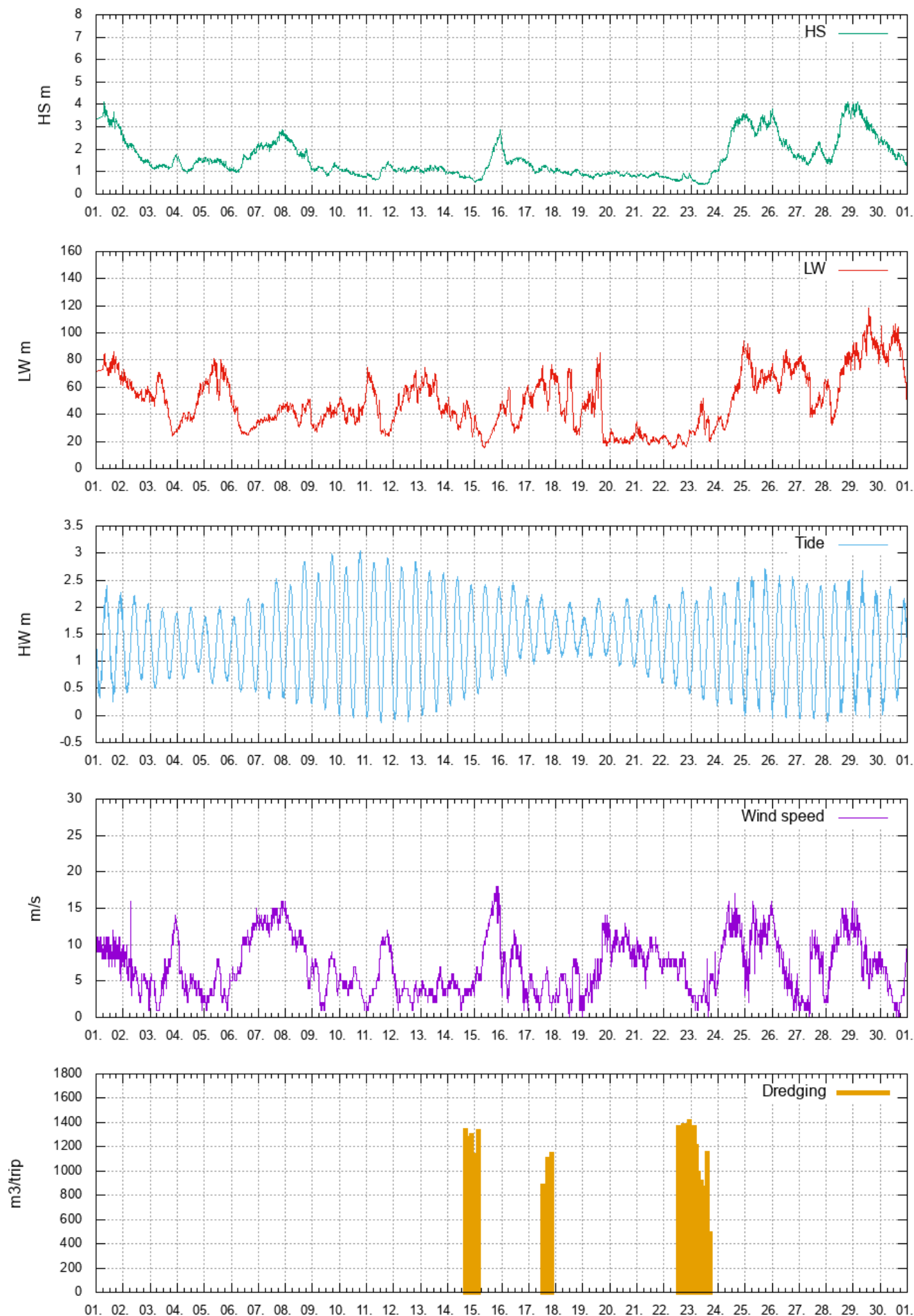


Figure 12. October 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

October 2018

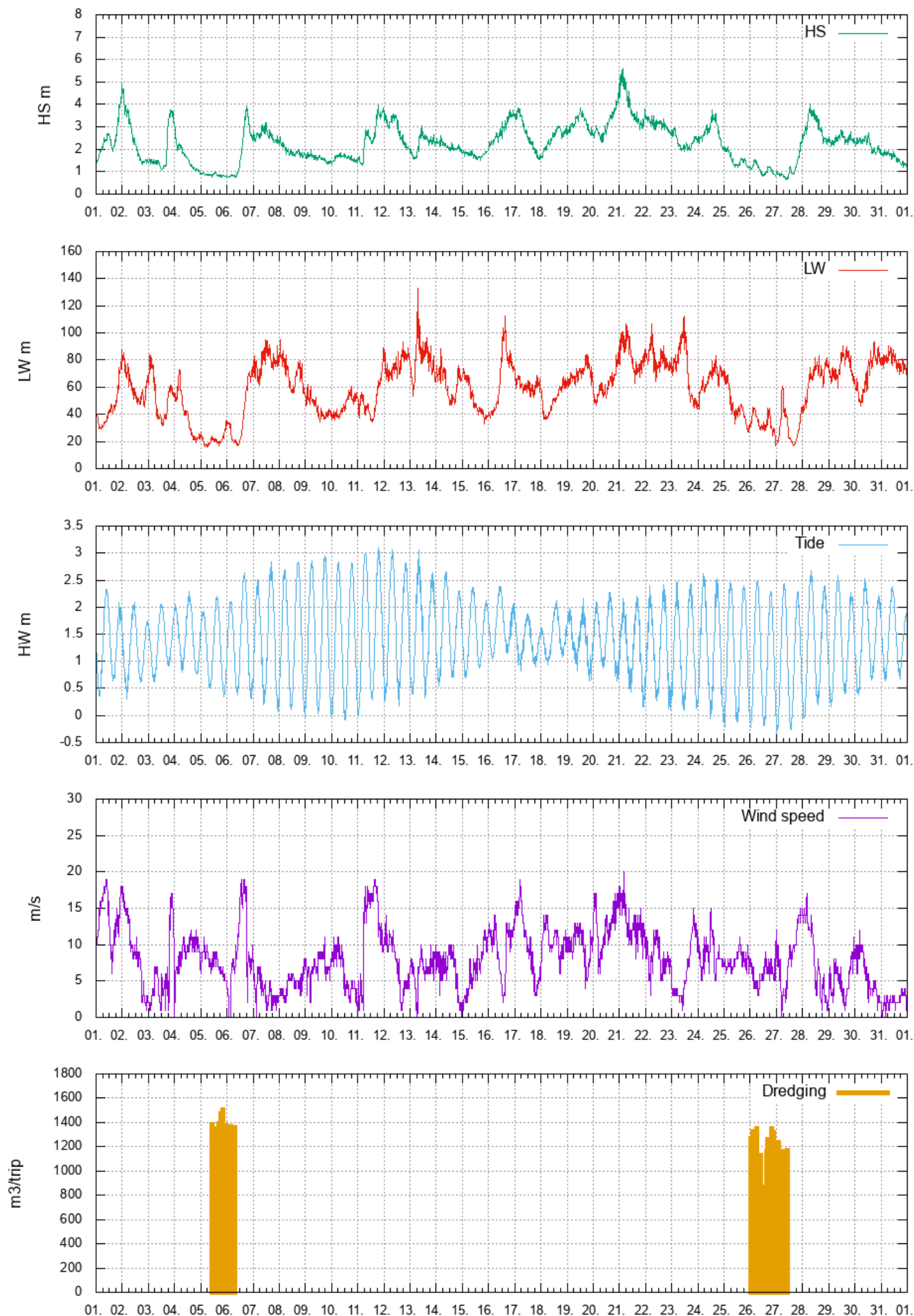


Figure 13. November 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

November 2018

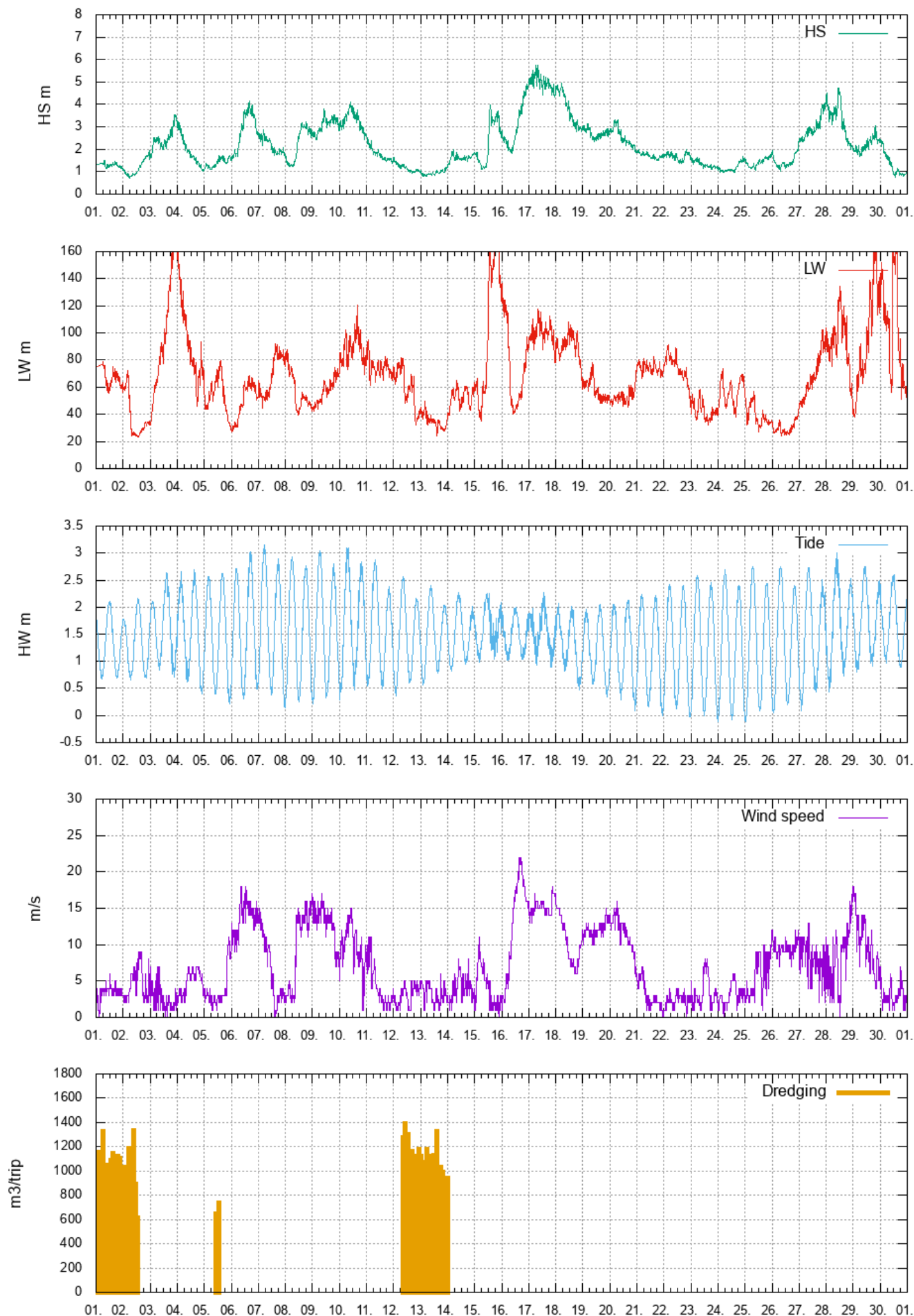


Figure 14. December 2018: Significant wave height and length on Landeyjahöfn West Waverider Buoy, tide and wind speed in Landeyjahöfn harbour and dredging.

