

These files are an attachment of the MSc. thesis " Prediction method for grass erosion on levees by wave overtopping " by P.M. (Peter) van Dijk in August 2021 at TU Delft.

The folder "Adjusted" contains the adjusted control lists; one file per experiment, see table 1 for ID references. These lists are composed using control lists received from J.W. van der Meer (www.vandermeerconsulting.nl) and adjusting these control lists to correspond with the course of the experiment according to the descriptions in the relevant factual report, see table 1 for factual report references. Some loading sequences are shorter than the experiment duration in the factual reports, this is because the grass cover failure criterion was reached before the end of the experiment.

The folder "Intended" contains the intended control lists; multiple experiments per file when lists are identical, see table 1 for ID references. These lists are composed using control lists received from J.W. van der Meer (www.vandermeerconsulting.nl) and formatted to correspond with the intended course of the experiment according to the relevant factual report, see table 1 for factual report references.

Each file has two worksheets: "Volumes" and "Properties". The Volumes-sheet contains the wave volume sequences [l/m] ; each column represents a loading step. The Properties-sheet contains information on the overtopping discharge [l/m/s] , number of waves and total wave volume [l] in the first three rows. The columns in one sheet corresponds with the columns in the other. If hydraulic measurements or critical velocity tests (uc) are carried out instead of tests with a certain overtopping volume, this is noted in the overtopping discharge row.

Locations	Experiment ID's	Reference
Delfzijl, Groningen, 2007	De1, De2, De3	(van Hoven et al., 2007)
Boonweg, Friesland, 2008	Bo1, Bo2, Bo3, Bo4	(Bakker et al., 2008a)
St Philipsland, Zeeland, 2008	Sp1	(Bakker et al., 2008b)
Kattendijke, Zeeland, 2008	Ka1, Ka2	(Bakker et al., 2008b)
Afsluitdijk, 2009	Af1, Af2, Af3	(Bakker et al., 2009)
Vechtdijk, Overijssel 2010	Ve1, Ve2, Ve3, Ve4	(Bakker et al., 2010)
Tielrode/Antwerp, 2010	Ti1, Ti2, Ti3, Ti4	(Peeters et al., 2012; Steendam, 2011)
Tholen, Zeeland, 2011	Th1, Th2, Th3, Th4	(Bakker et al., 2011)
Nijmegen, Gelderland, 2013	Ni1, Ni2, Ni3	(Bakker et al., 2013)
Millingen, Gelderland, 2013	Mi1, Mi2	(Bakker et al., 2013)
Wijmeers-II, 2015	Wi1, Wi2	(Bakker & Mom, 2015; Ponsioen & Damme, 2016)

Table 1 Experiment ID's and factual report references.

References

- Bakker, J. J., Galema, A. A., Mom, R. J. C., & Steendam, G. J. (2010). *Factual Report / Overslagproef Vechtdijk*.
- Bakker, J. J., Melis, R., & Mom, R. J. C. (2013). *Factual Report: Overslagproeven Rivierenland*. 105.
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- Peeters, P., Vos, L. de, Vandevoorde, B., Taverniers, E., & Mostaert, F. (2012). *Stabiliteit van de grasmat bij golfoverslag / Golfoverslagproeven Tielrodebroek (versie 2.0)*.
- Ponsioen, L. A., & Damme, M. Van. (2016). *Breach experiment Wijmeers II / Breach initiation due to overflow and overtopping*.
- Steendam, G. J. (2011). *VERSLAG GOLFOVERSLAGPROEVEN TIELRODE*.
- van Hoven, A., Groot, M. B. de, van der Meer, J. W., Akkerman, G. J., Verheij, H. J., Frissel, J. Y., & Steendam, G. J. (2007). *Golfoverslag en Sterkte Grasbekleding / Fase 1D Evaluatie Delfzijl* (Issue December).