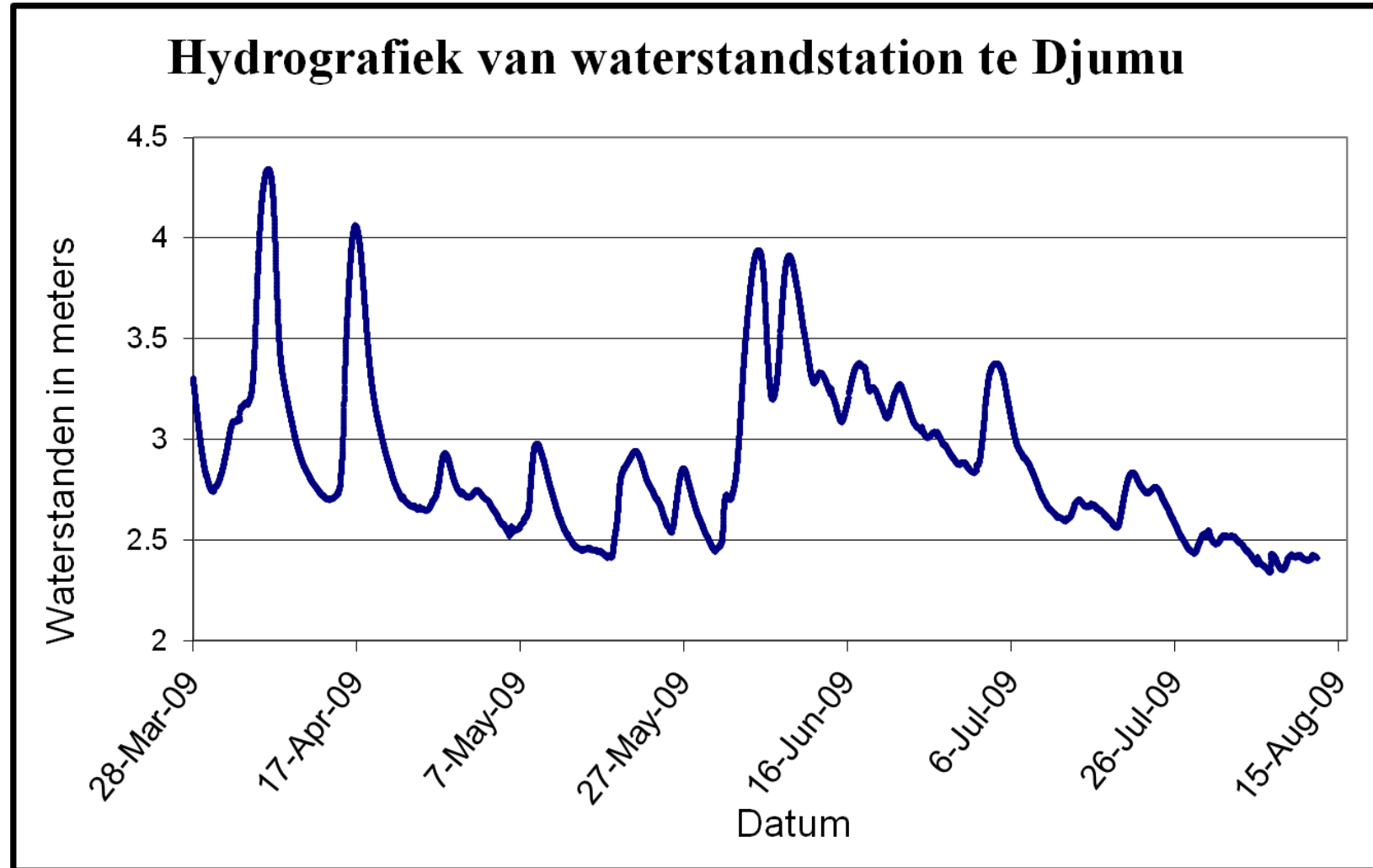
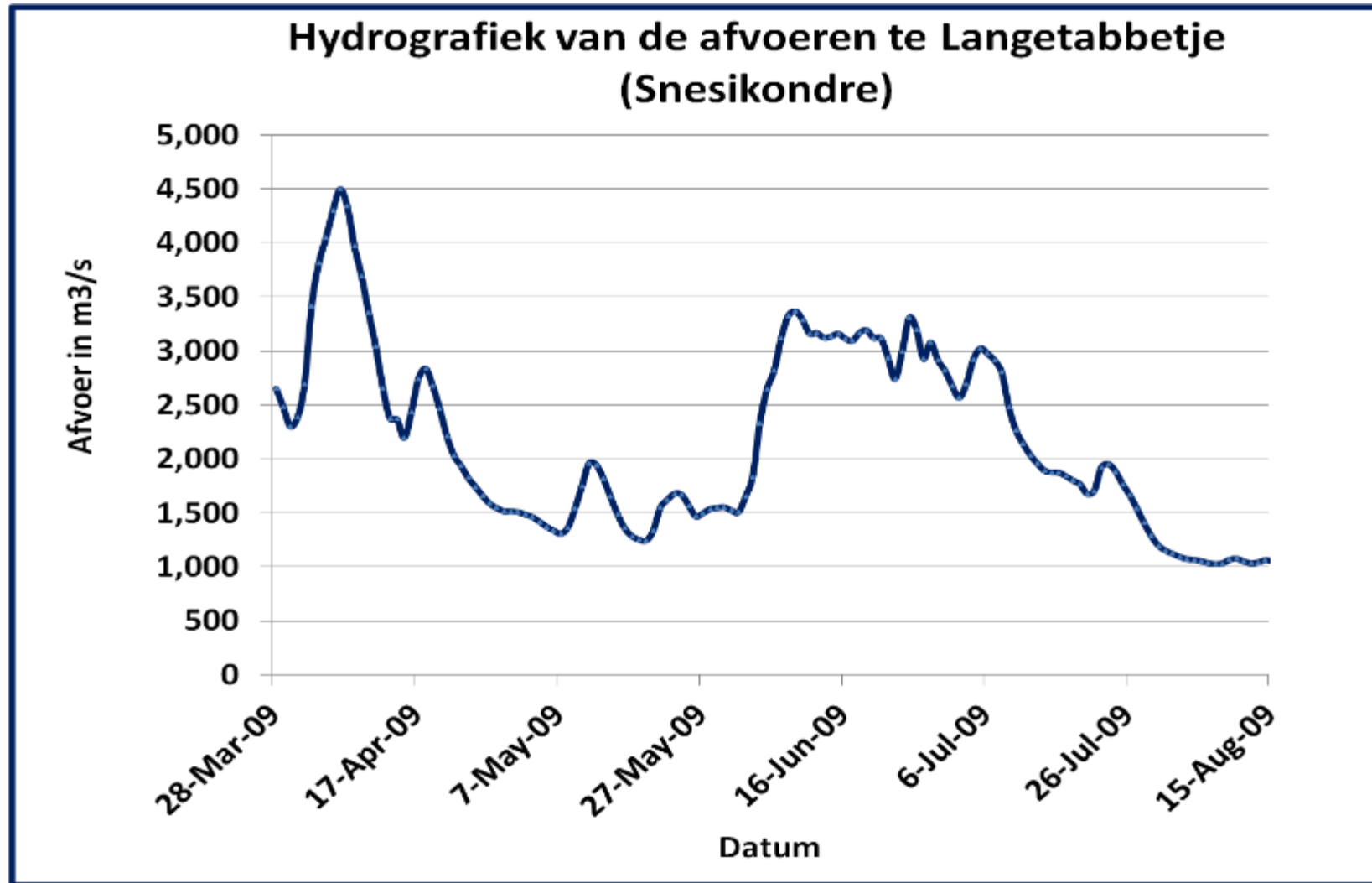


Climate Institute

Tekenen van het veranderend klimaat in Suriname



Tekenen van het veranderd klimaat in Suriname / Guiana Schild



Socio-economische handelen

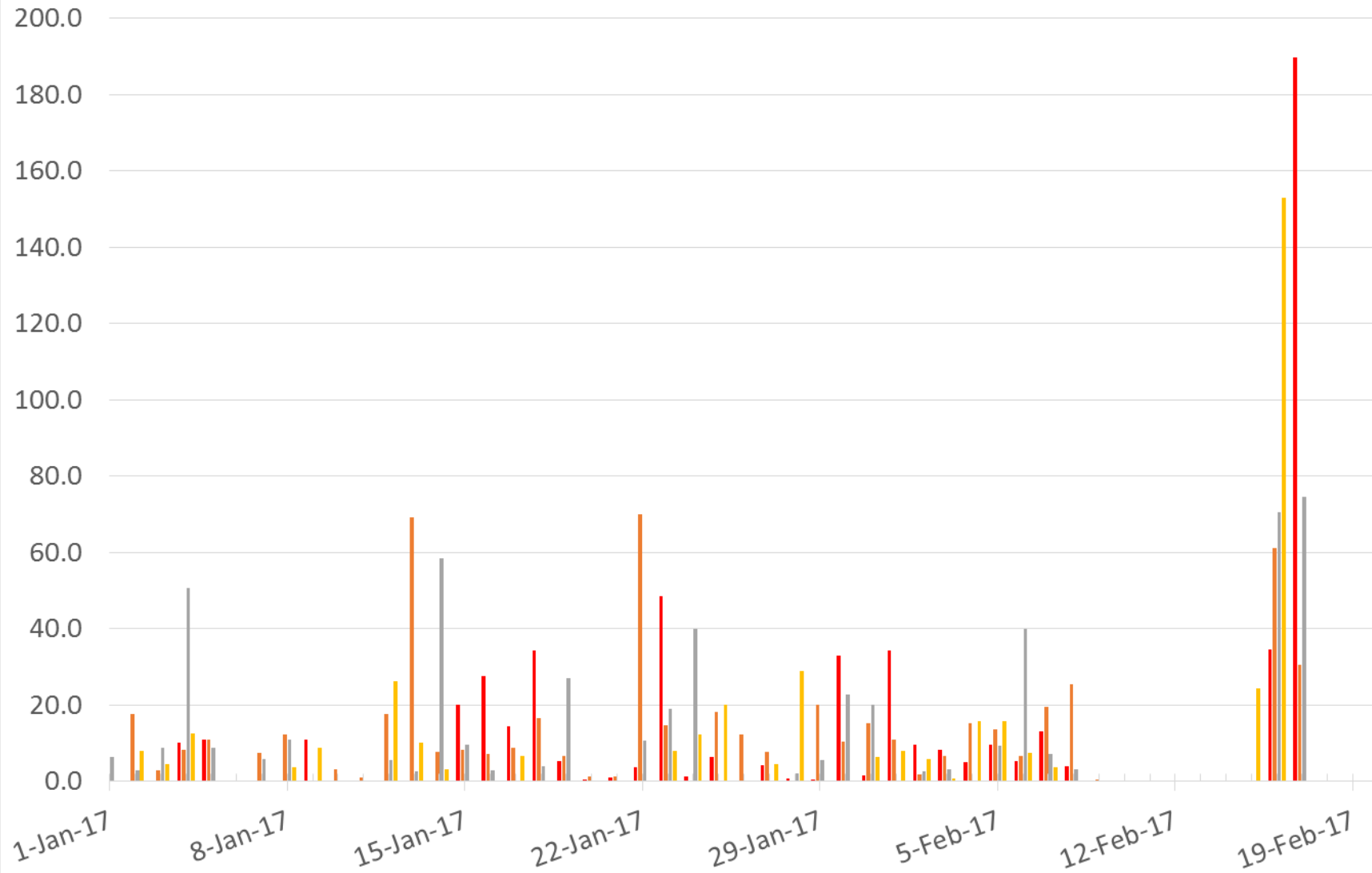


Stondansie vallen

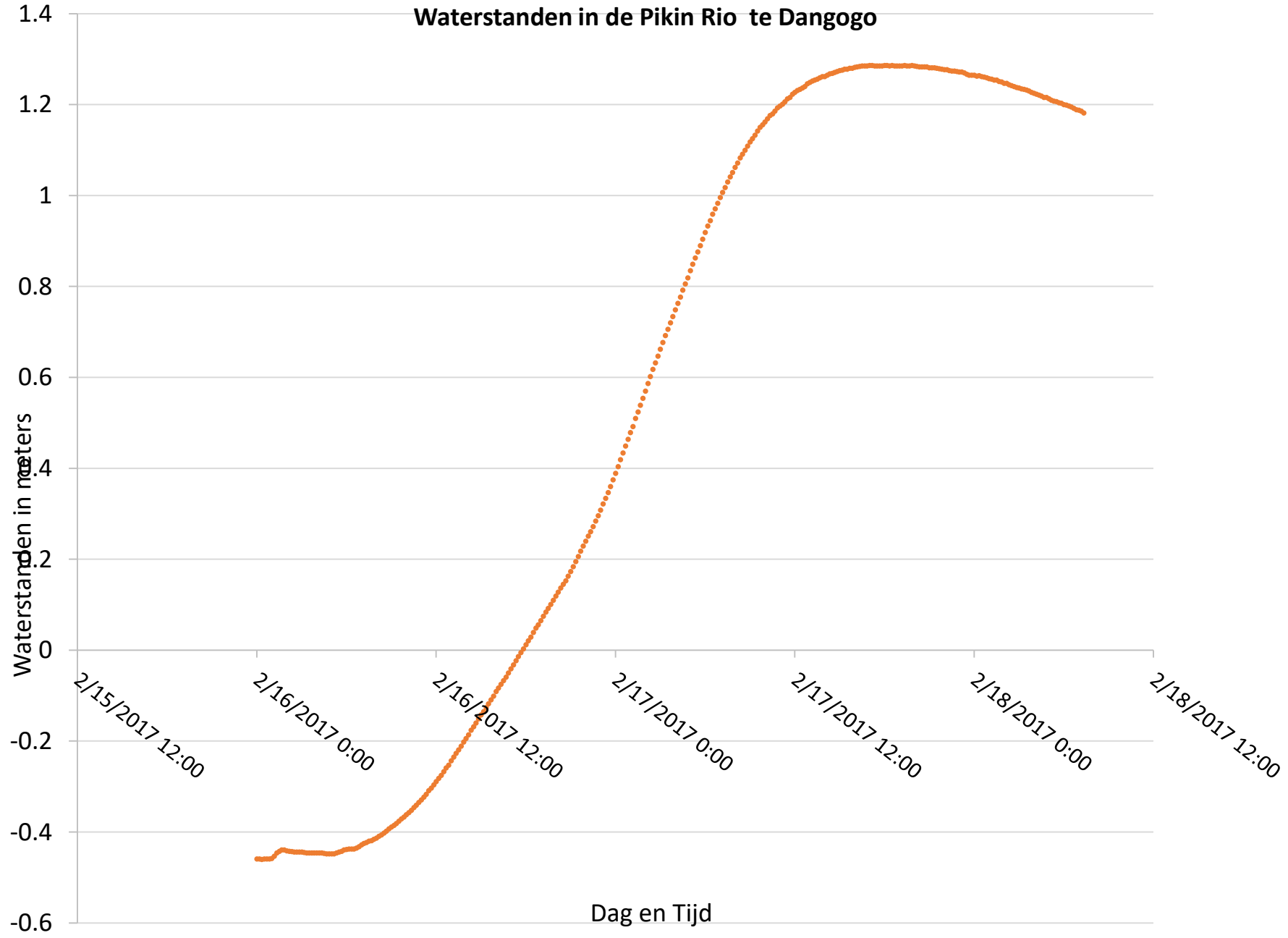
Location	Head (m)	Flow (m ³ /s)	Suggested Turbine	Output in kW per unit	Maximum number of units
Gran-olo	3.5	5	S-Type, Screw-type	130	5
Manbari	2.0	5	S-Type, Screw-type	75	5
PG2	1.0	5	Screw-type	40	4
Tepu	---	---	Hydro-Kinetic type	50	2
Tapawatra	3.2	5	S-Type, Screw-type	100	3
Gran Dan	6.0	5	S-Type	200	3
Afobasu Sula	1.6	5	Screw-type	60	2
Mindrihati sula	3.1	5	S-Type	100	2
Aprisina sula	0.8	5	Screw-type	30	10
Atjoni	---	---	Hydro-Kinetic type	50	4
Bushpapaja sula	---	---	Hydro-Kinetic type	50	2
Karina Ituru	2.2	3	S-Type, Screw-type	50	2
Sir W Raleigh Vallen	5.0	5	S-Type	120	2
Creek	4	0.1	Indalma	3	5

Location	Head (m)	Flow (m ³ /s)	Suggested Turbine	Output in kW per unit	Maximum number of units
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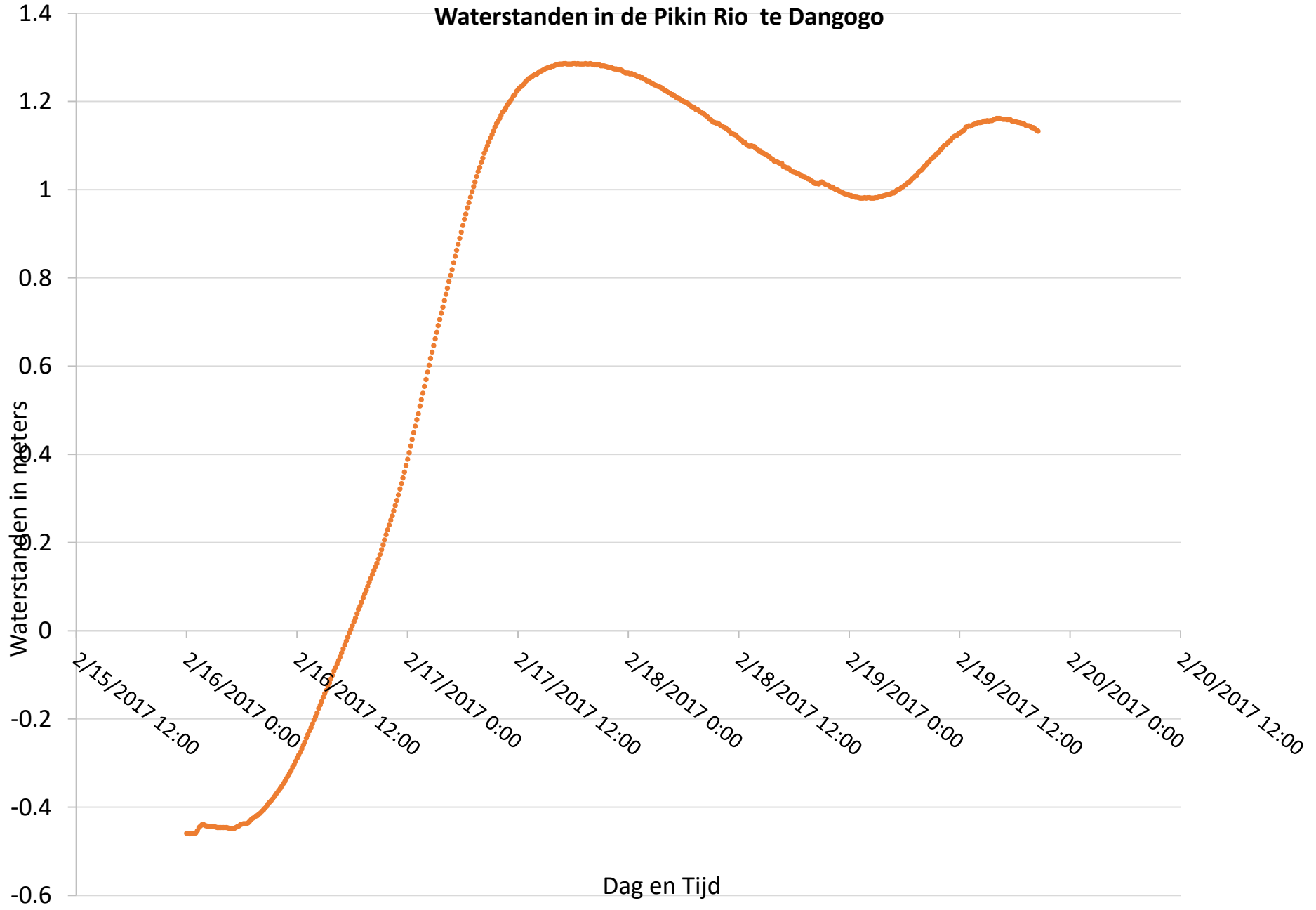
Neerslag cijfers



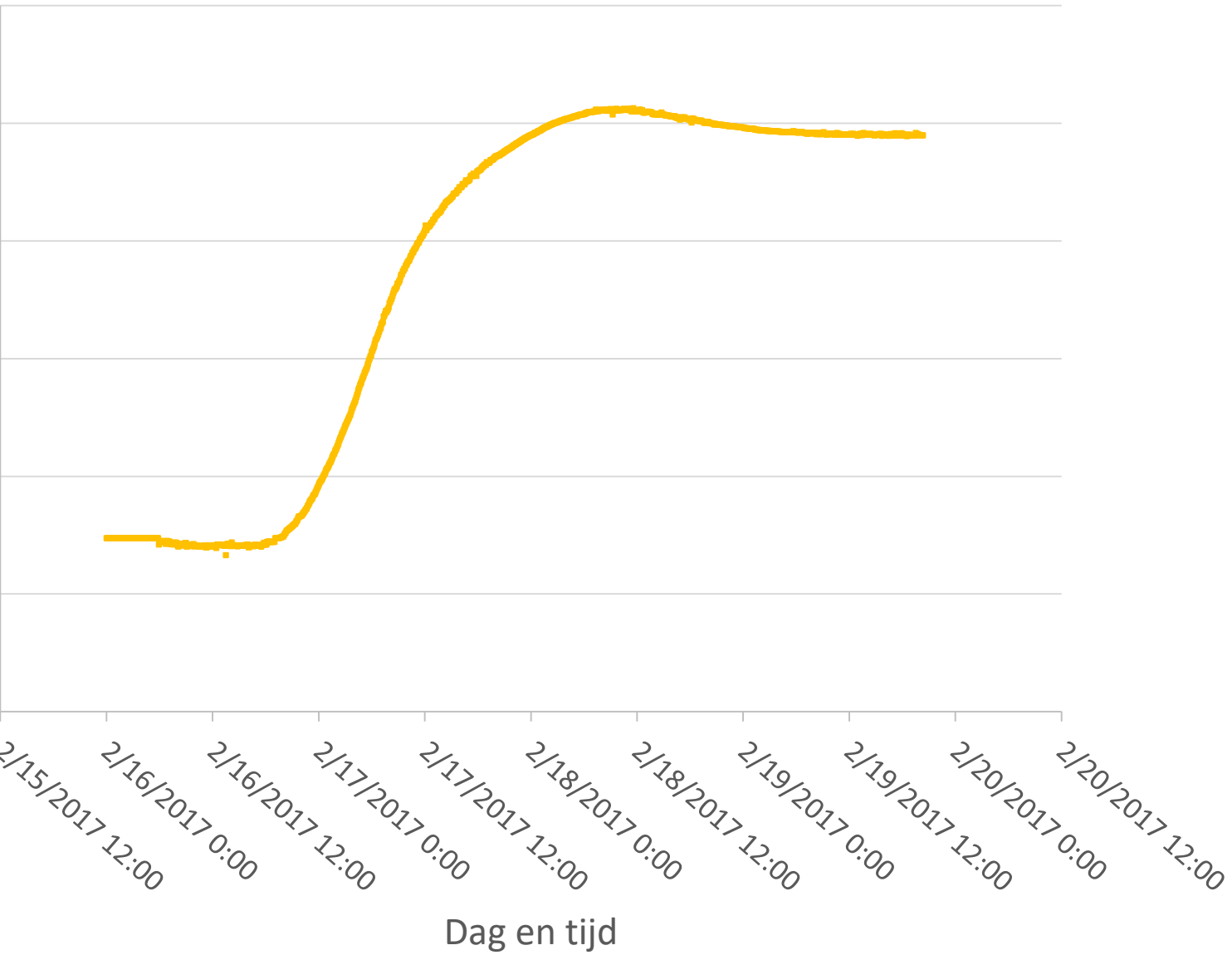
Waterstanden in de Pikin Rio te Dangogo



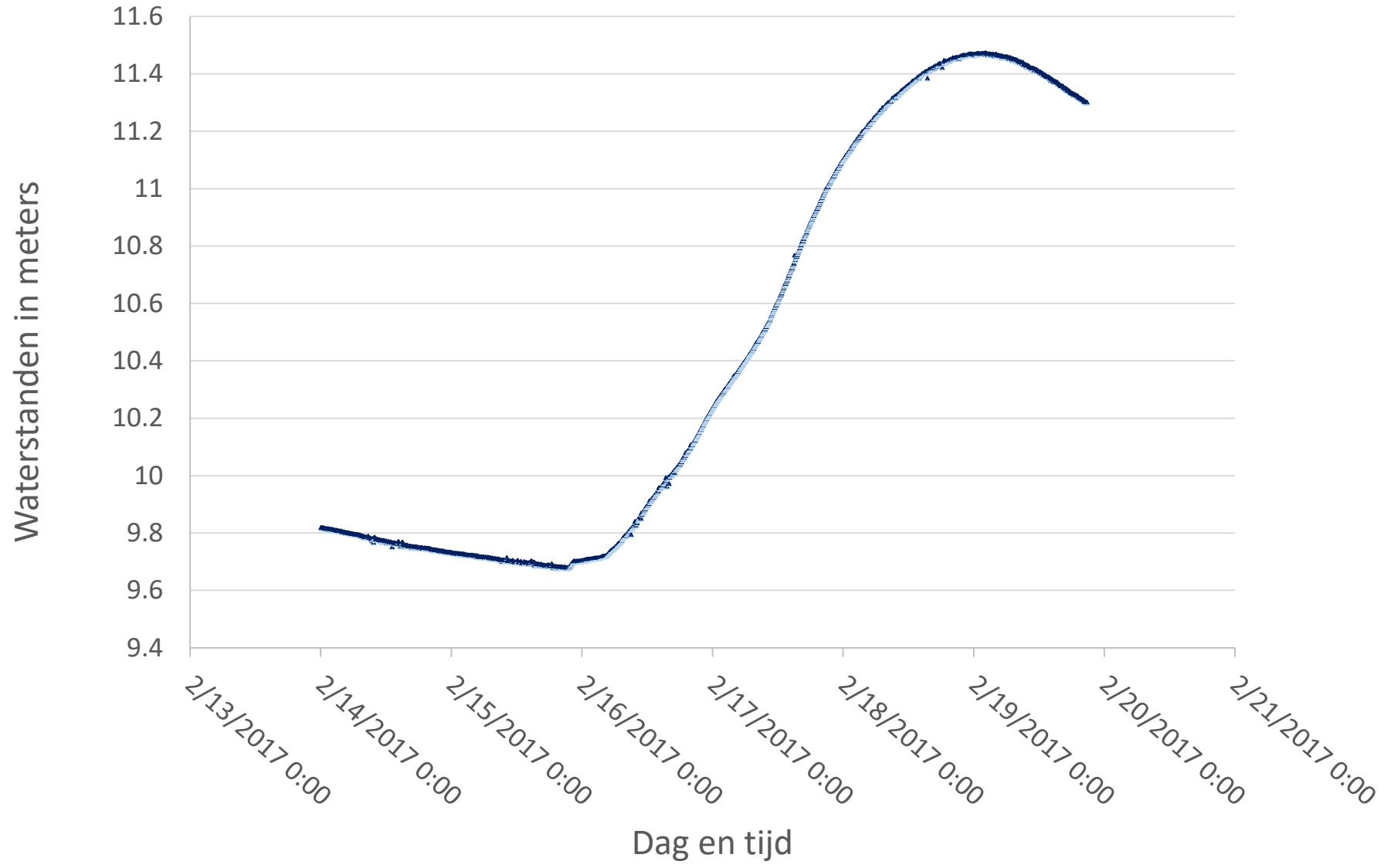
Waterstanden in de Pikin Rio te Dangogo



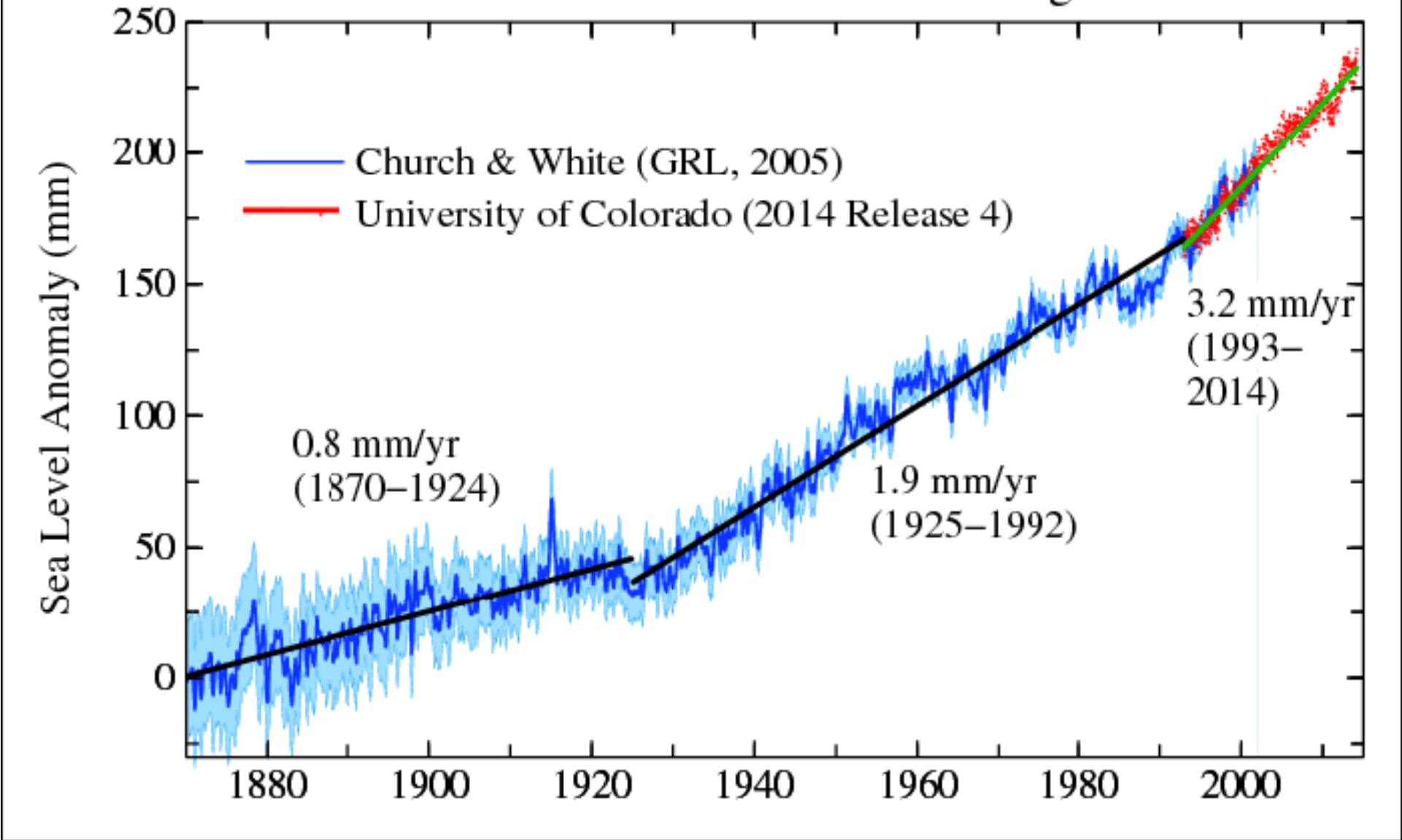
Waterstanden van de Lawa rivier te Stoelmanseiland



Waterstanden van de Boven Suriname rivier te Laduani



Global Mean Sea Level Change





d.d. 20 March 2011



SN: Alkmaar - Commewijne rivier 12 Sept. 2014



August 28, 2015 – Photo SN

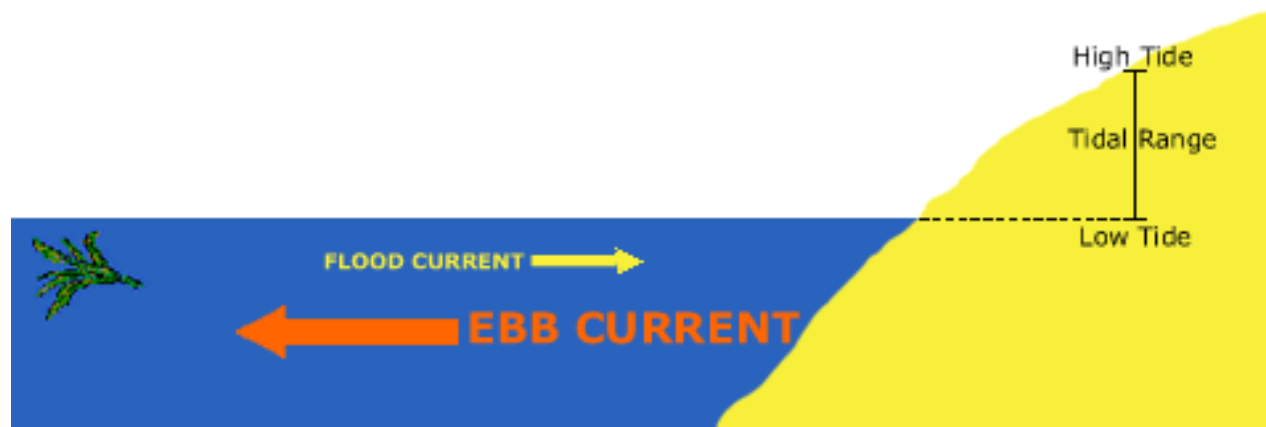


August 28, 2015 – Photo SN

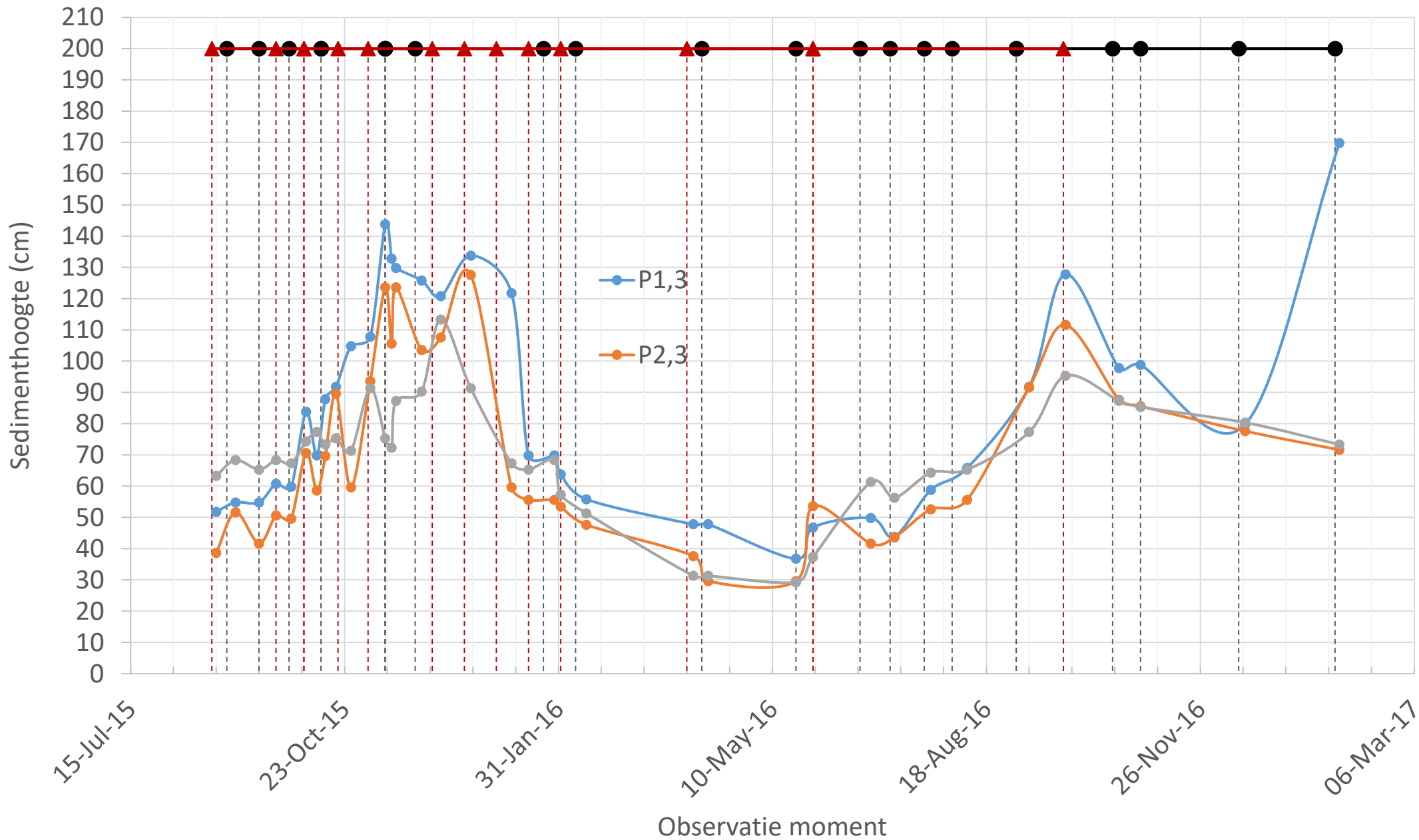


Inundation Cremation site: February 19-20, 2015

Source: YouTube: Building with nature
Accessed date: September 22, 2016

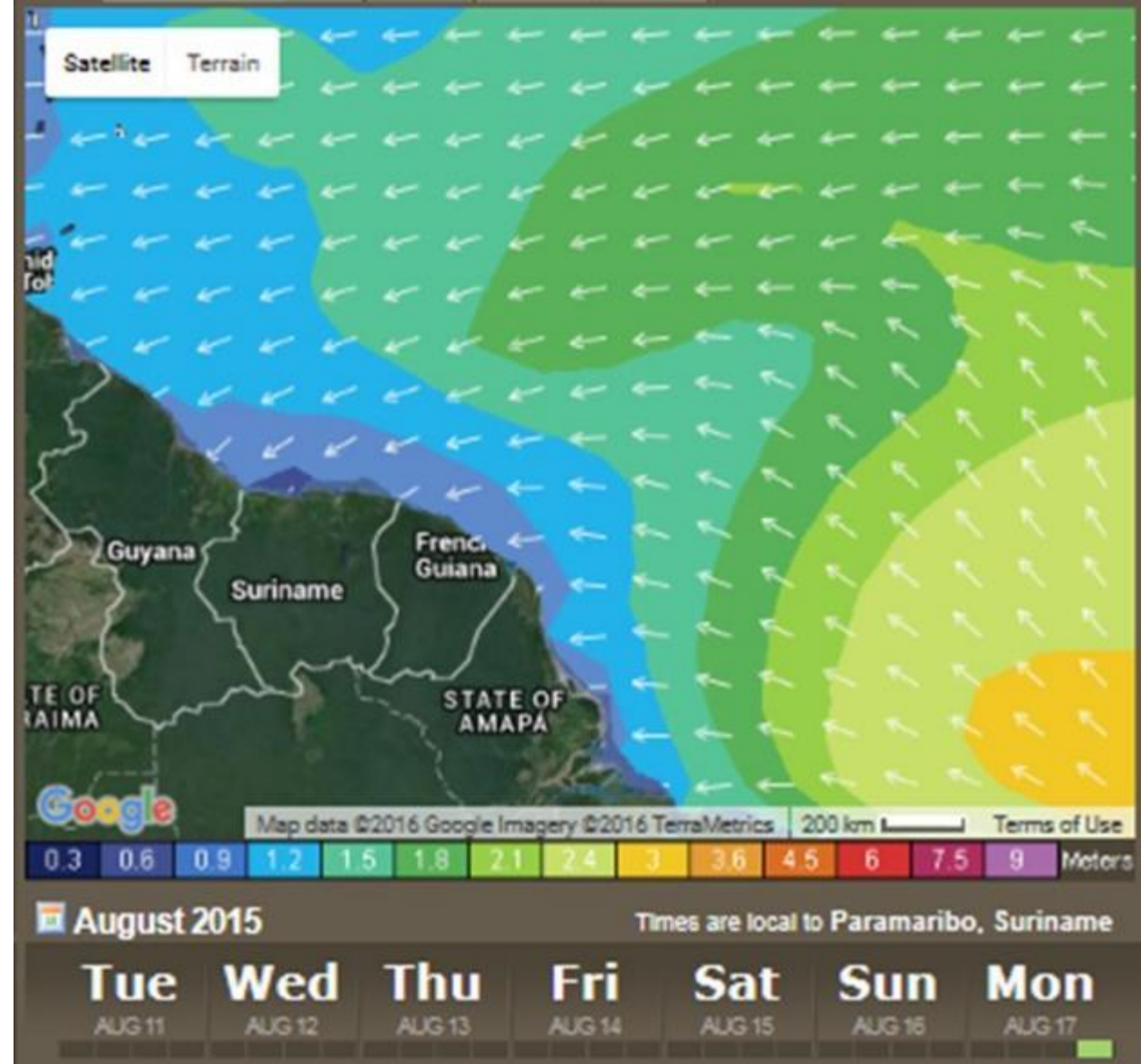
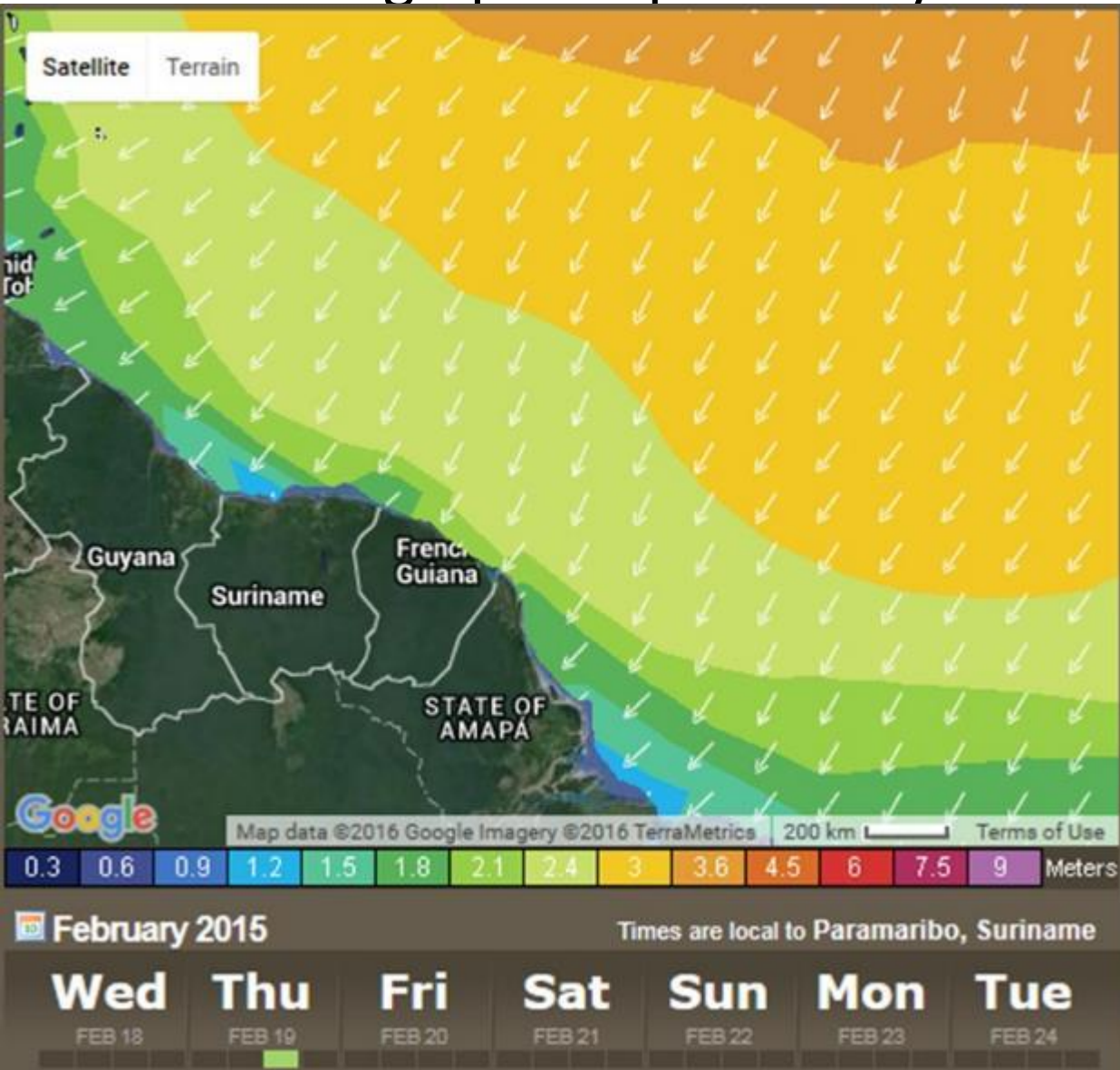


Peillatten Waarneming Wnz _ Horizontaal



Impacts of the waves on the new formed mudbank / accretion

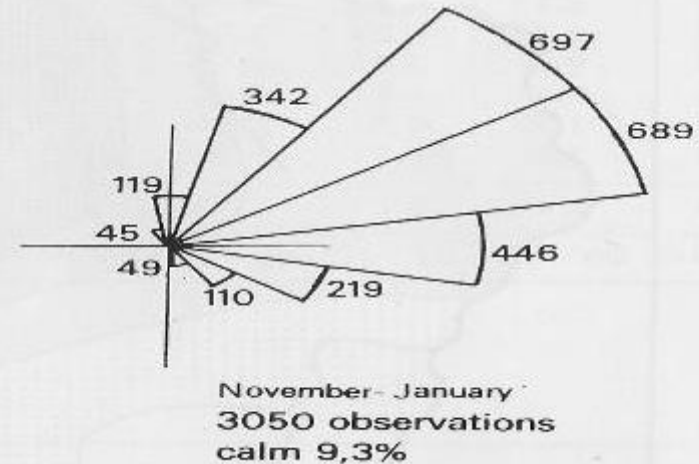
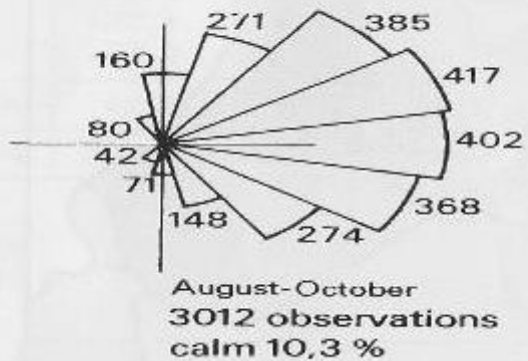
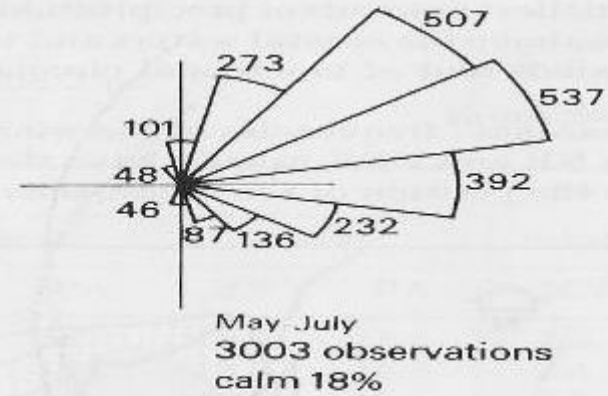
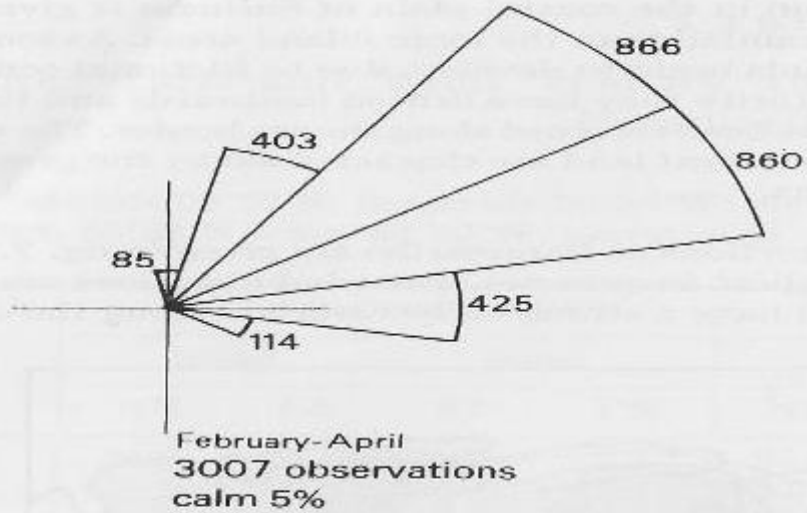
Geographical peculiarity of the Amazon – Orinoco region



Hevige golfslagen aan de kustlijn



Waves and the wind



Overview

- Climate policy is missing; small projects are carried out, such as establishment of measuring stations, National communications, Vulnerability assessments; GHG inventories, flooding, etc. But the bigger picture is missing
- What should be the purpose of such a climate policy? (enhance / increase the resilience of natural as well as human made systems)
- Systematic approach is missing (should lead towards the look over several time lines)
- Impacts of climate change will take place over some decennia, hence the response

The question / challenge is

- How can you make best use of climate data
- What should be the vision of the climate institute of Suriname?
 - To promote sustainable development
 - To help screen climate proof projects
 - To support mitigation and adaptation projects
 - To help reach the common goal
- why the quality of life is guaranteed.

The mission should be

- To look for innovative and practical solutions for climate change adaptation, mitigation, contribute to scientific research and communicate these results



Jan 29, 2017

The mission should be

- To look for innovative and practical solutions for climate change adaptation, mitigation, contribute to scientific research and communicate these results
- enhance and consolidate cooperation between the many stakeholders, building a solid partnership
- provide information regarding climate change risk and possible responses

- Based on this a strategy has to worked out.
- and elaborate programs
- in order to carry this program out you probably will need
 - Capacity (so capacity building, needed specialists
 - Technology (clean technology) technology transfer
 - Finance (resources are needed)
- when all these are missing and / or having a weak institute, you will keep on repeating

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