

5th Drin Stakeholders Conference

SKADARSKO JEZERO – HIDROLOGIJA, POPLAVE

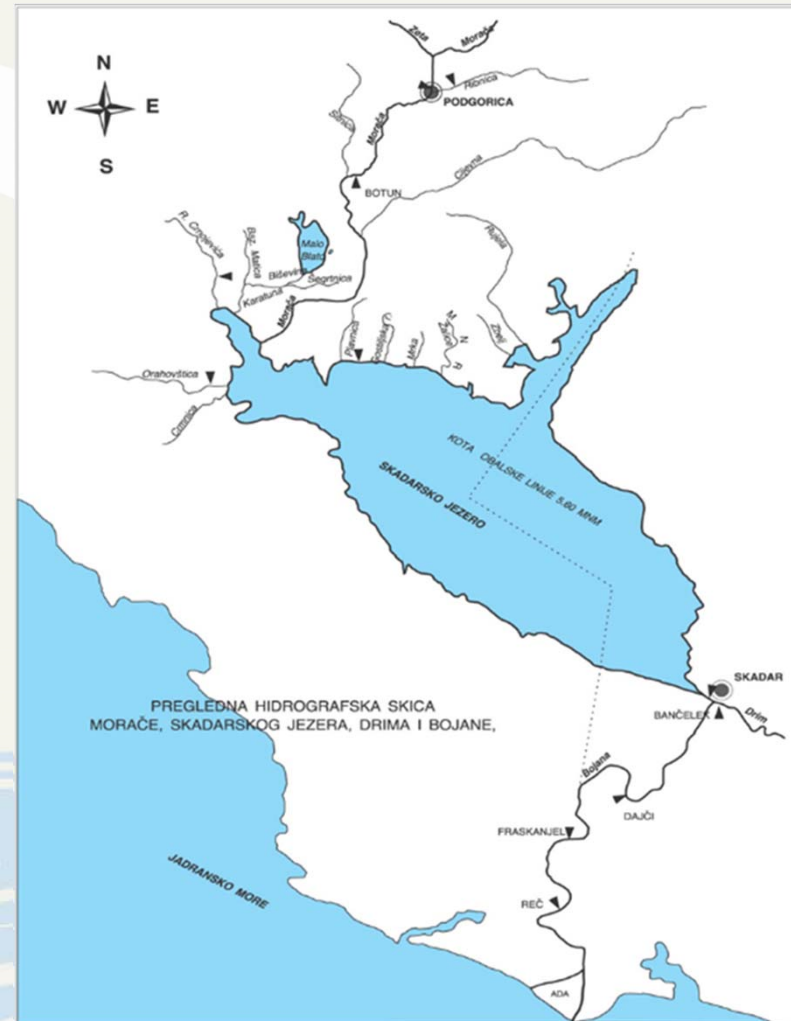
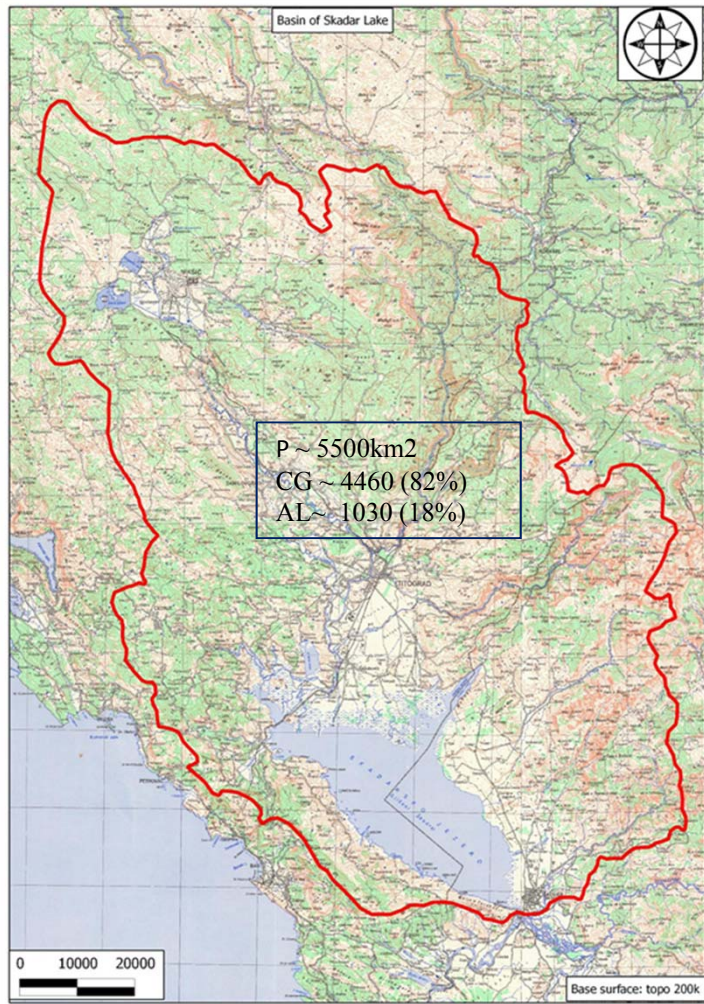
Luka Mitrović & Darko Novaković
Zavod za hidrometeorologiju i seizmologiju Crne Gore



21 – 22 November 2017, Podgorica

HIDROLOGIJA SKADARSKOG JEZERA

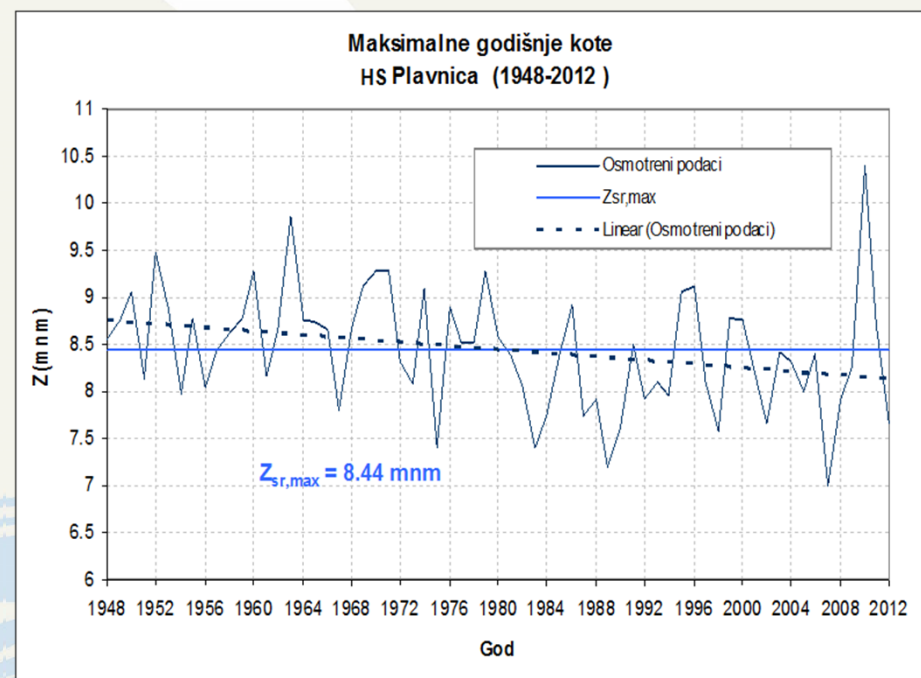
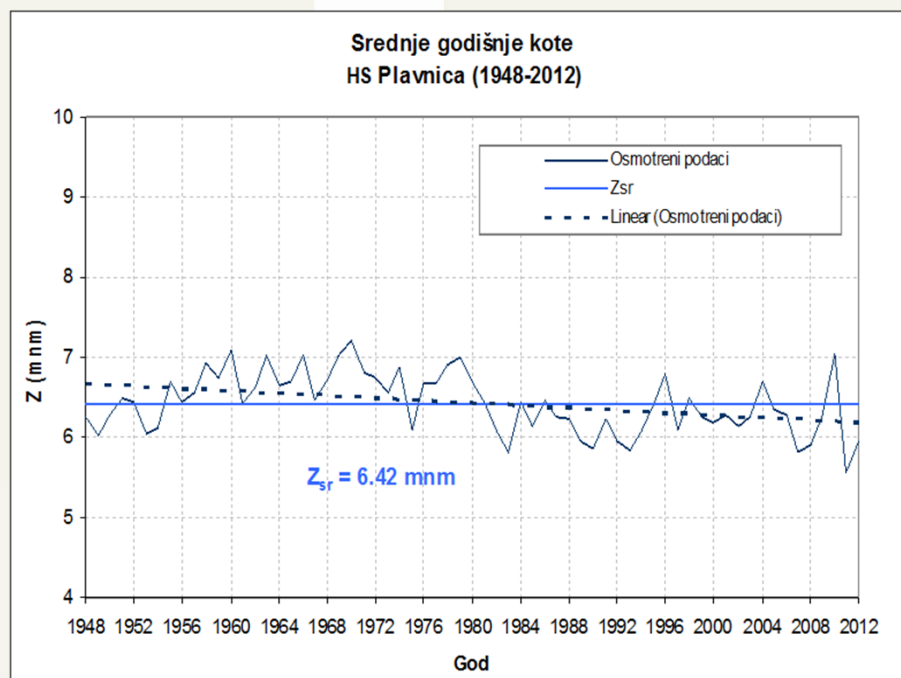
- sliv jezera; prihranjivanje jezera; pražnjenje jezera;



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➤ karakteristični vodostaji; trendovi;

| | |
|--|-----------|
| • Minimalno zabilježeni vodostaj | 4,54 mnm |
| • Srednji nivo malih voda | 5.11 mnm |
| • Srednji nivo jezerske vode | 6.42 mnm |
| • Srednji nivo velikih voda | 8.44 mnm |
| • Maksimalno zabilježeni vodostaj | 10.44 mnm |
| • Maximalna amplituda varijacije vodostaja | 5.90 m |
| • Srednja amplituda varijacije vodostaja | 3.33 m |



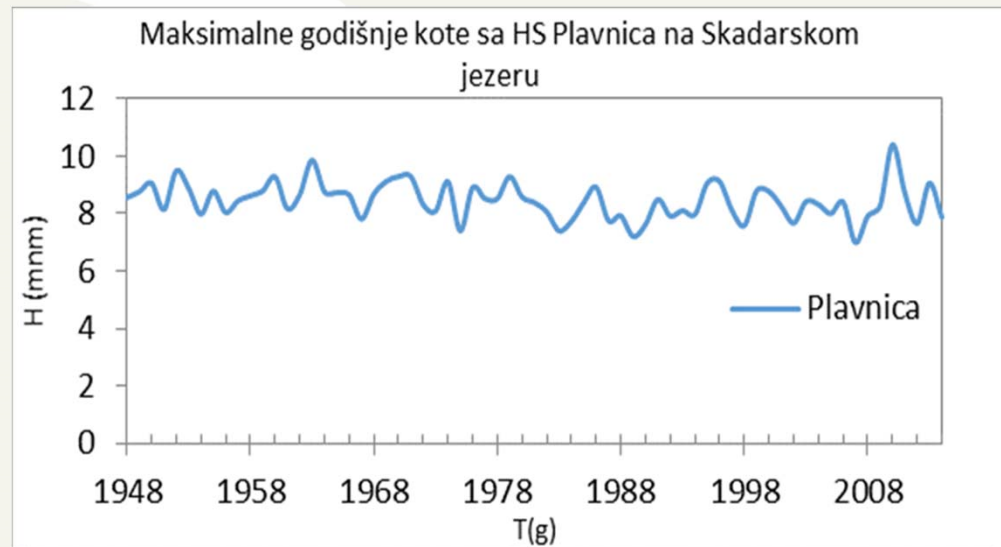
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EKSTREMNO VELIKE VODE - POPLAVE

- Istorijski podaci o poplavama, nepoklapanje, nepouzdanost;
- Poplave na Skadarskom jezeru u Crnoj Gori od 1948-2017 :
 - 1962-63, maksimalmalan nivo jezera 9.86 mnm.
 - 2010, maksimalmalan nivo jezera 10.44 mnm.

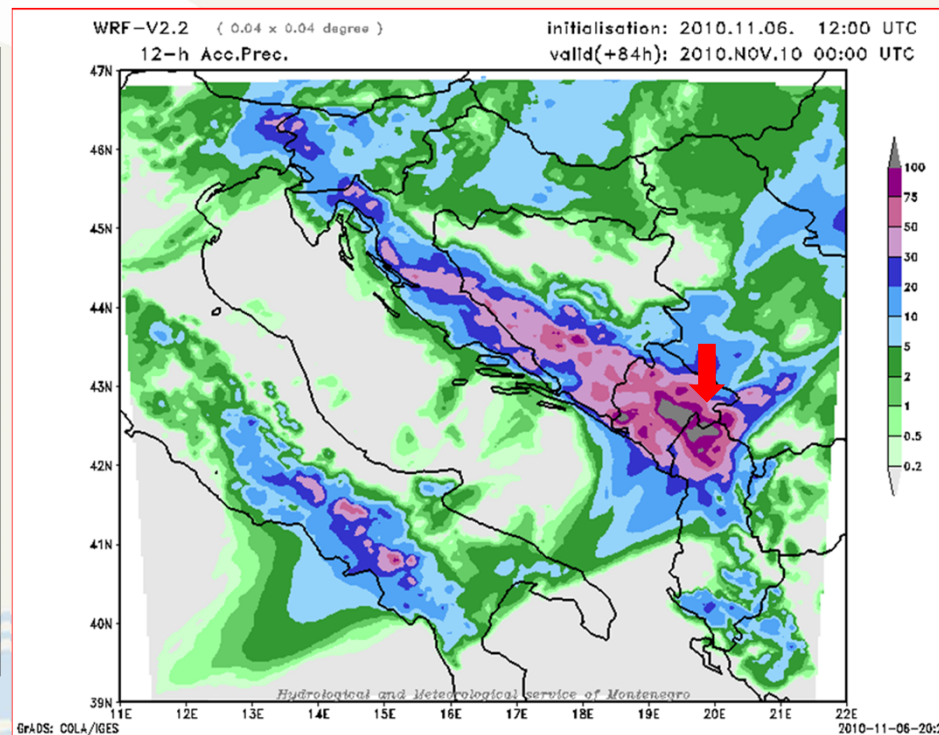
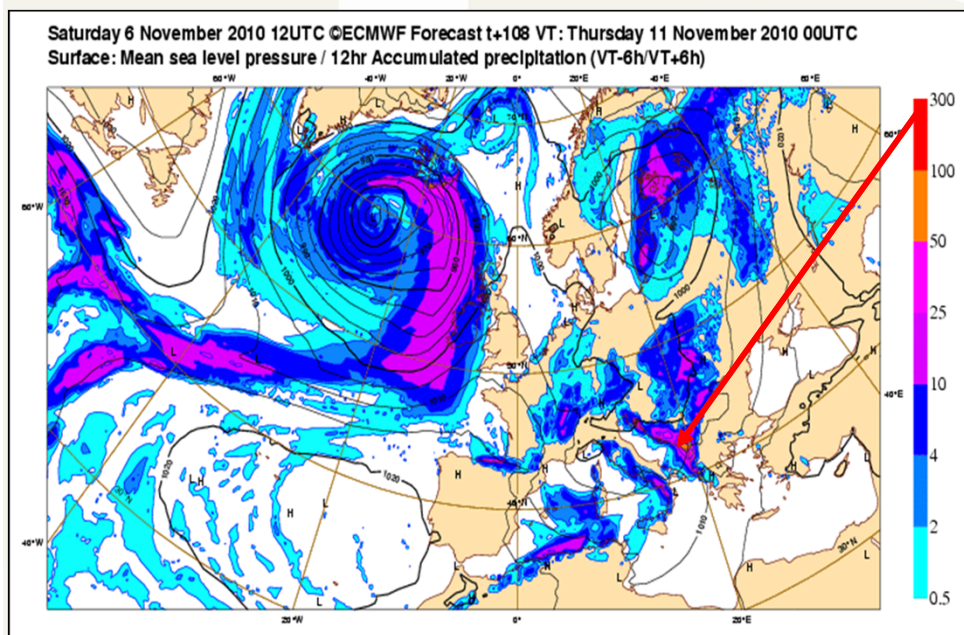
- Predlog karakterističnih vodostaja:

| | |
|-------------------------|-----------------|
| - Male vode | 4.5 – 5.5 mnm |
| - Srednje vode | 5.5 – 7.5 mnm |
| - Velike vode | 7.5 - 9.5 mnm |
| - Ekstremno velike vode | 9.5 mnm. i više |



POPLAVE NA SKADARSKOM JEZERU I BOJANI KRAJEM 2010.GODINE

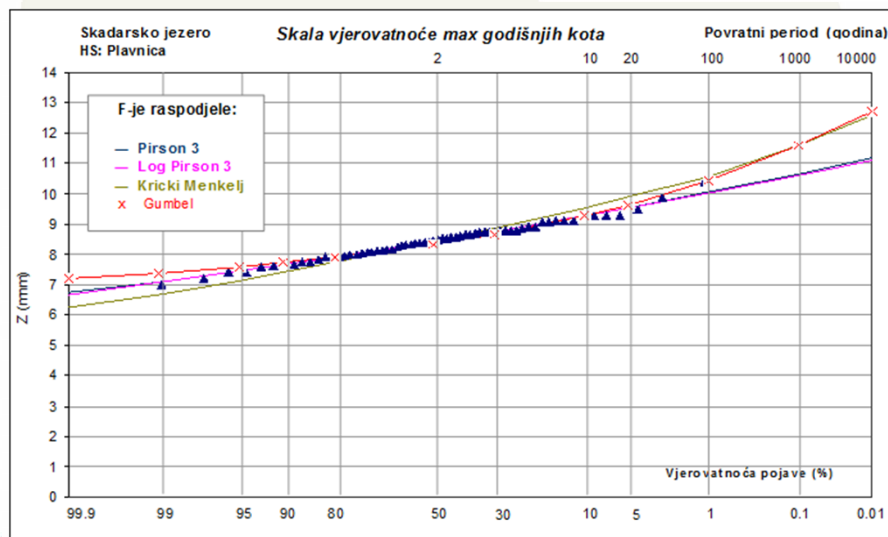
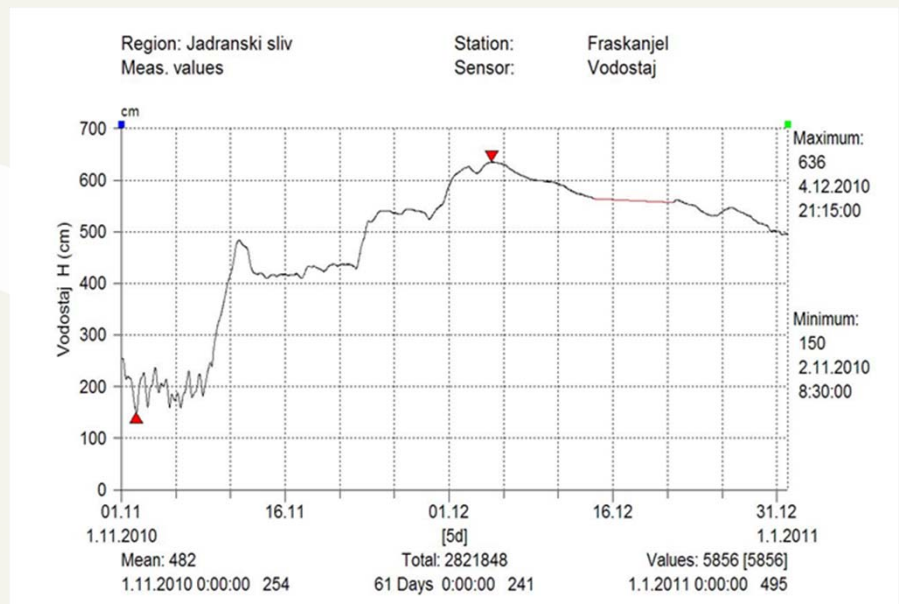
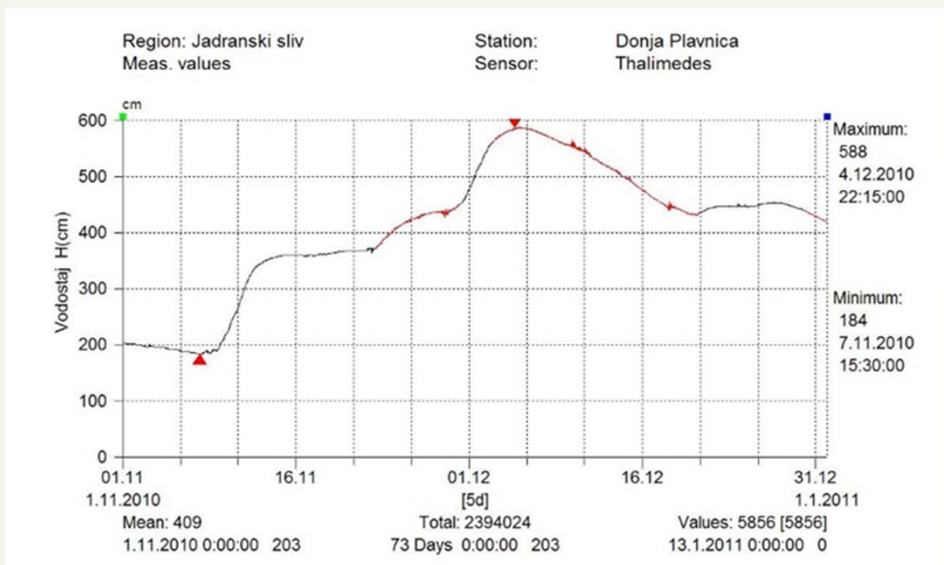
Alarmantna meteo situacija!!!



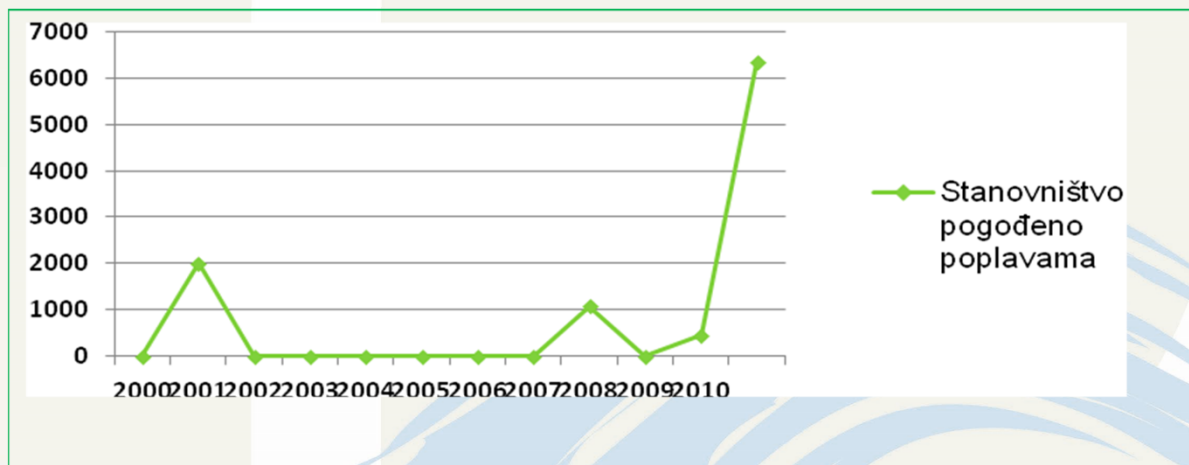
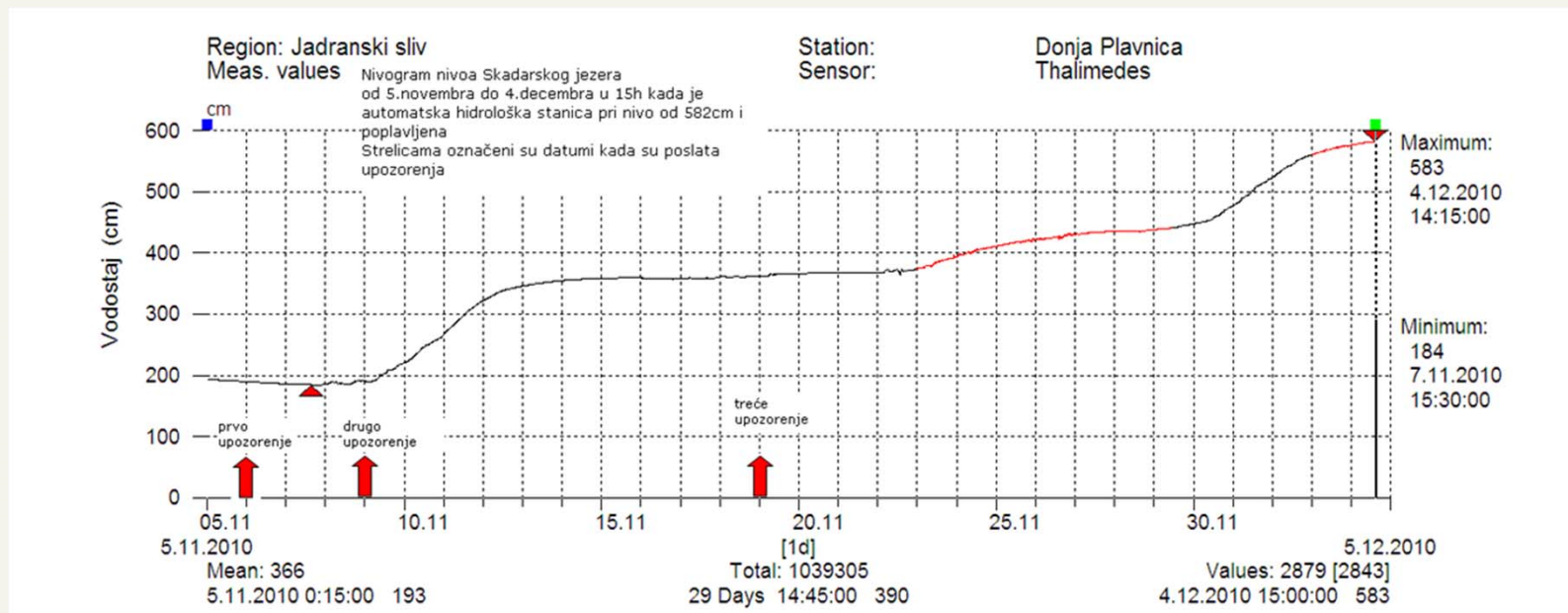
Rezultati našeg numeričkog modela, oko 300 000 m³ i potencijalno ugrožene zone

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Ekstremno velike vode – Poplave!



RANA NAJAVA EKSTREMNE METEO SITUCIJE



Based on the report of the municipality commission for damage assessment the total estimated damage caused by floods in last quarter of 2010 is **18.014.482 €**. The amount of estimated damage in homes is **4.100.502 €**, in agricultural lands **3.686.355 €** and in infrastructure facilities **10.227.625 €**.

HVALA NA PAŽNJI!



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