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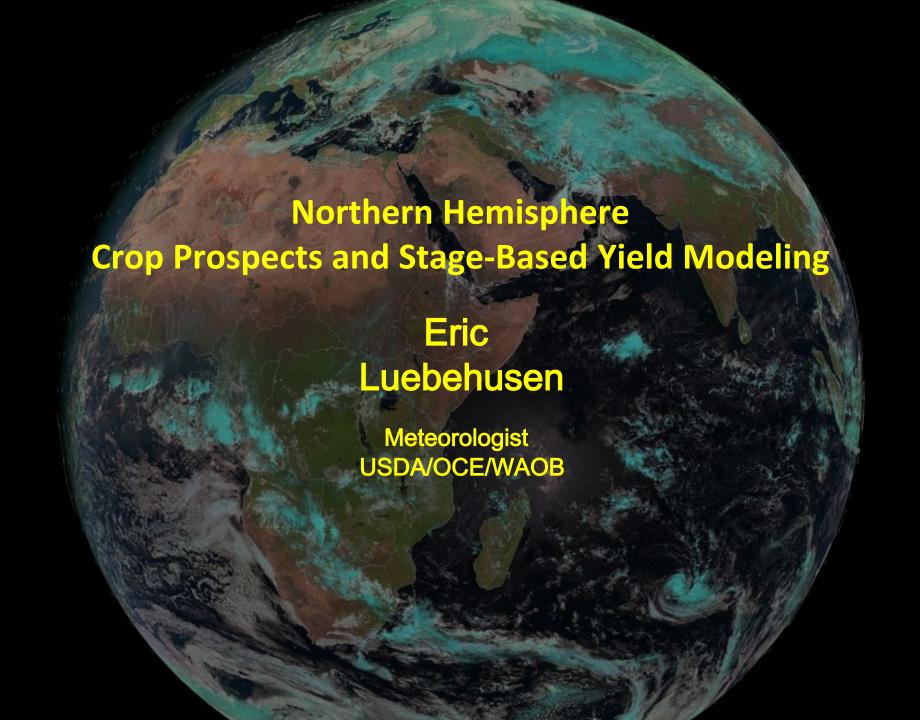
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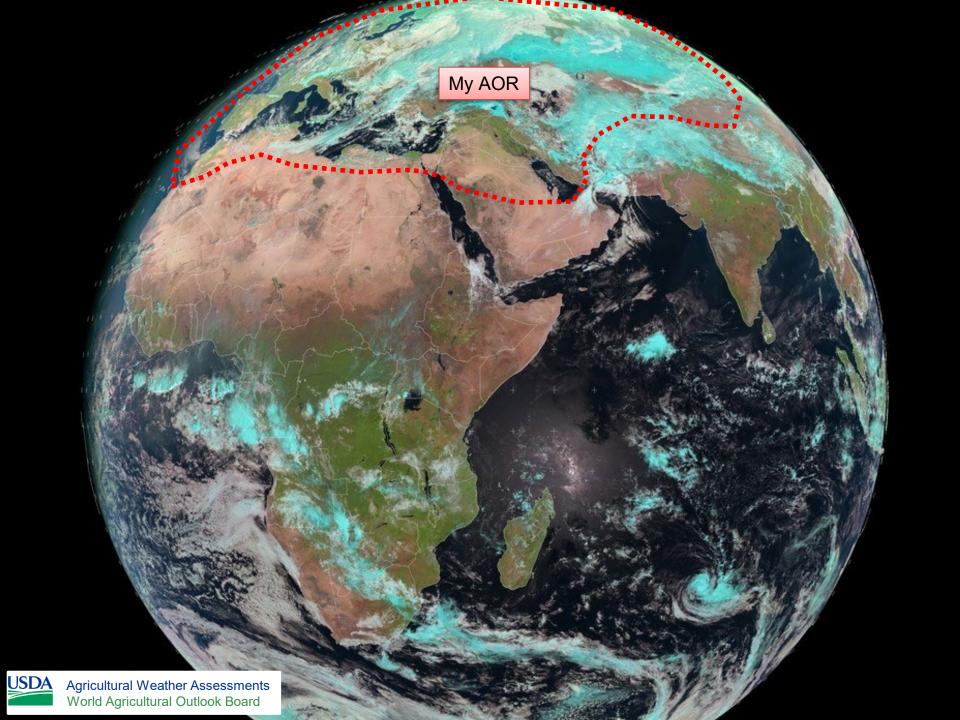
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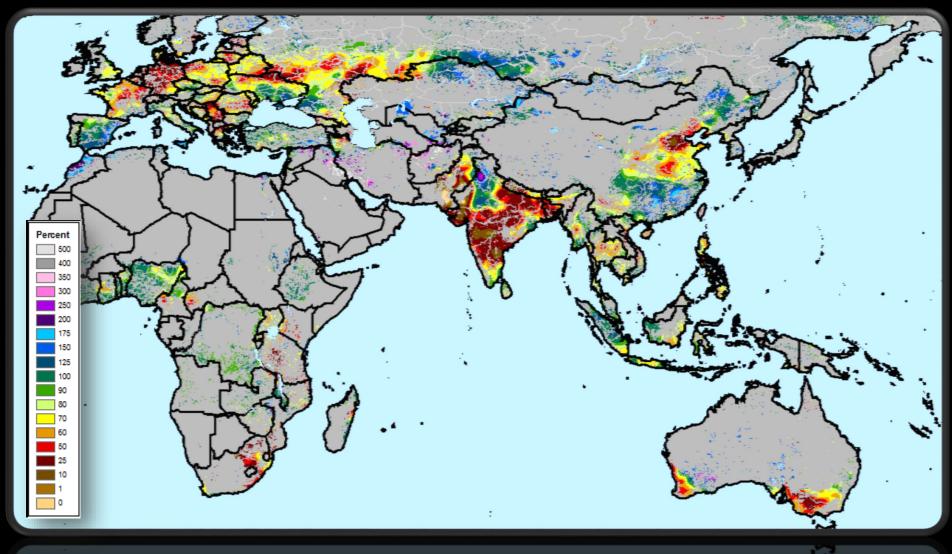
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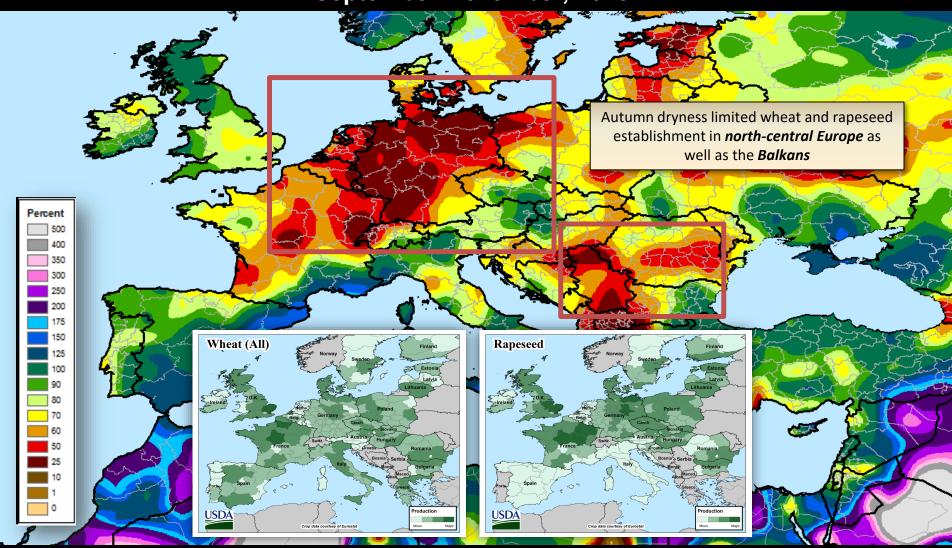
## **Percent-of-Normal Precipitation**

September-November, 2018



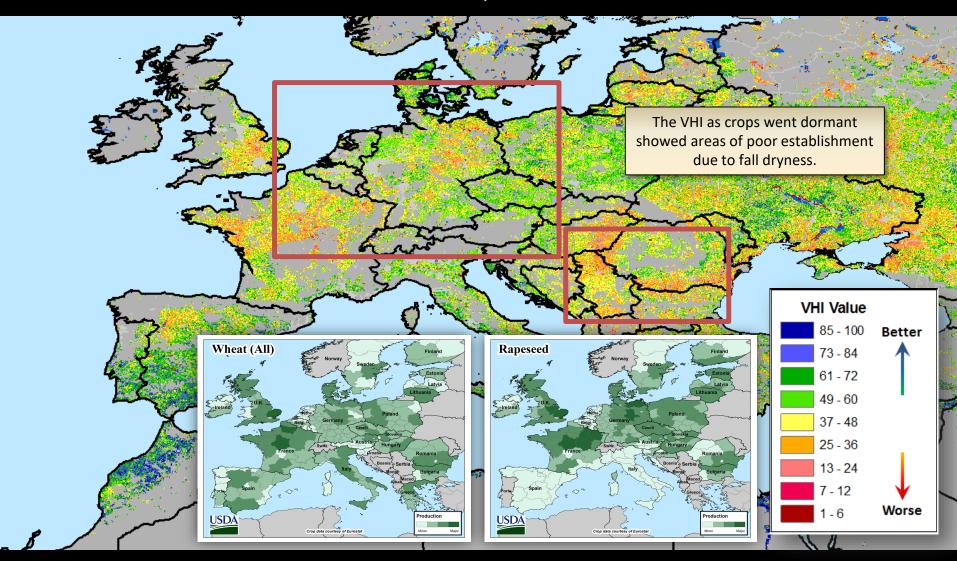
## **Percent-of-Normal Precipitation**

September-November, 2018



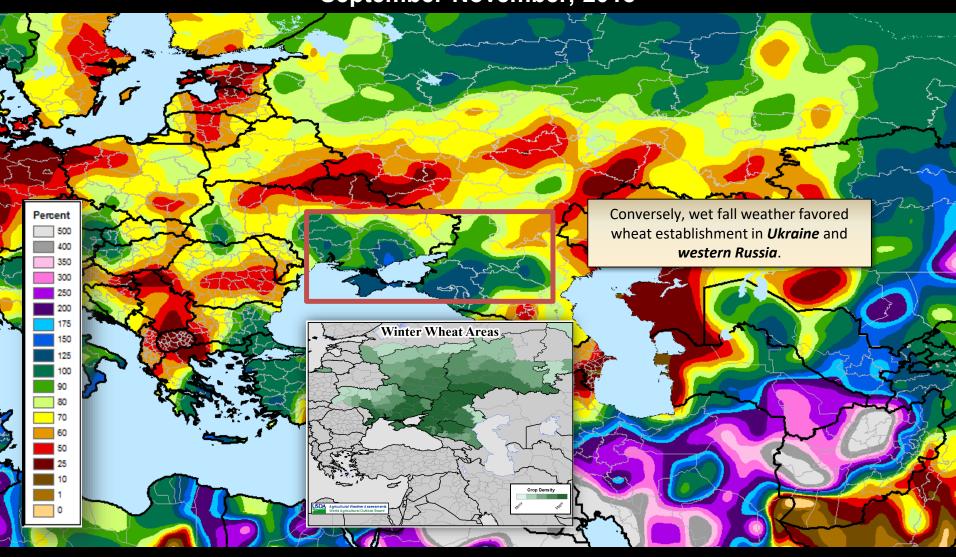
## **Vegetative Health Index**

Nov 18, 2018

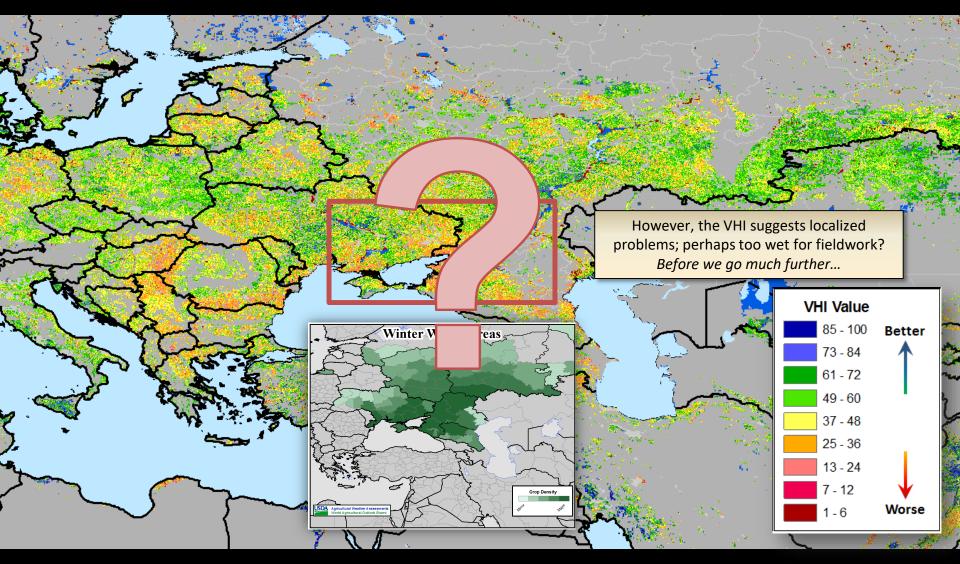


## **Percent-of-Normal Precipitation**

September-November, 2018



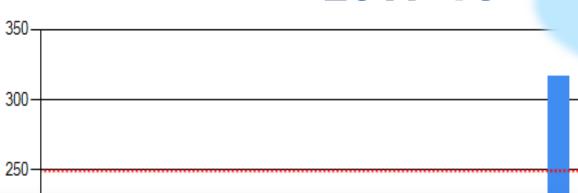
# Vegetative Health Index Nov 18, 2018

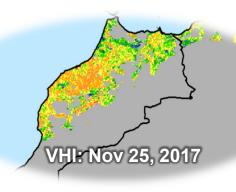


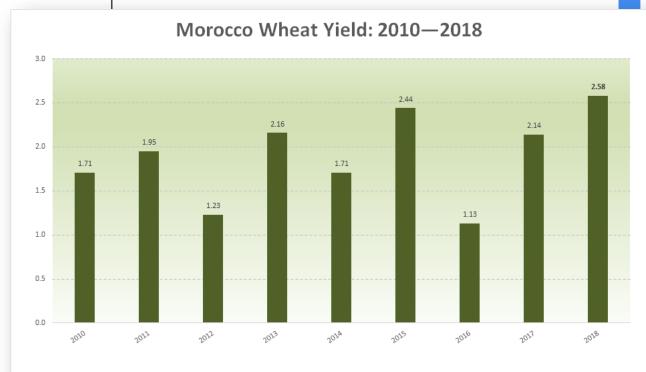
#### **Northern Morocco**

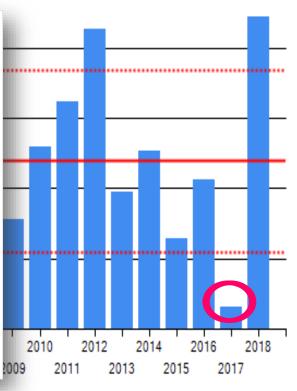
Total Precipitation: Sep 1 to Nov 28

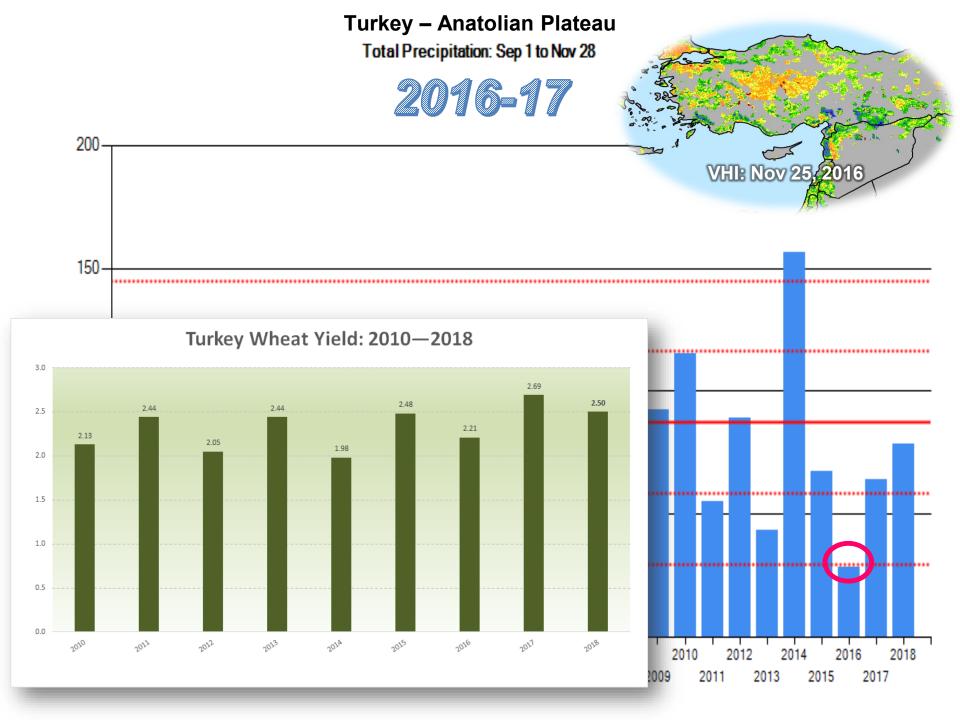
2017-18

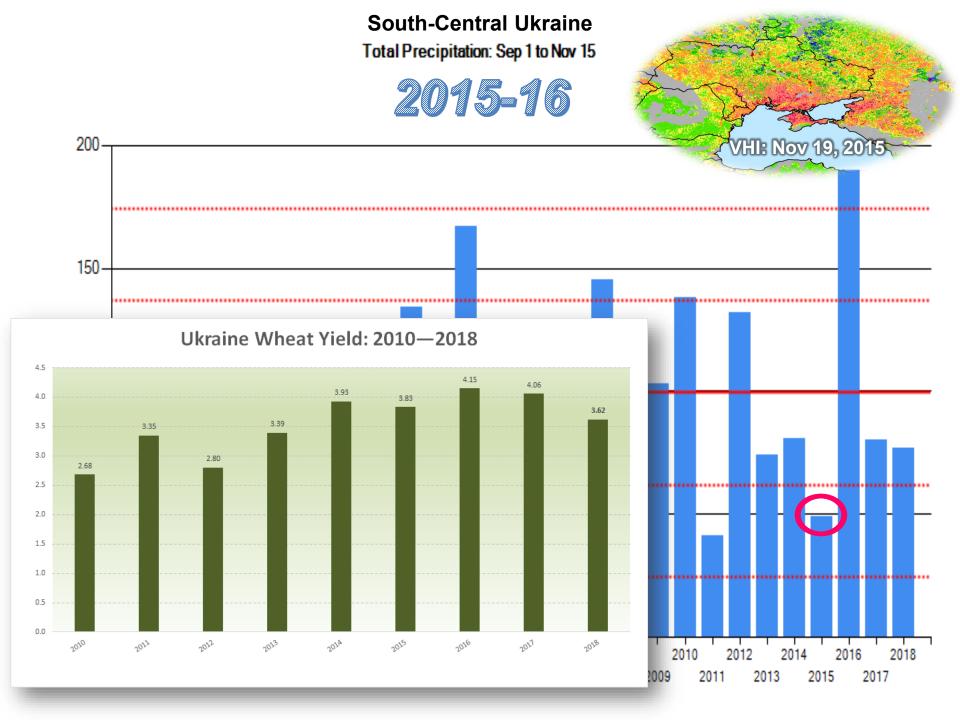


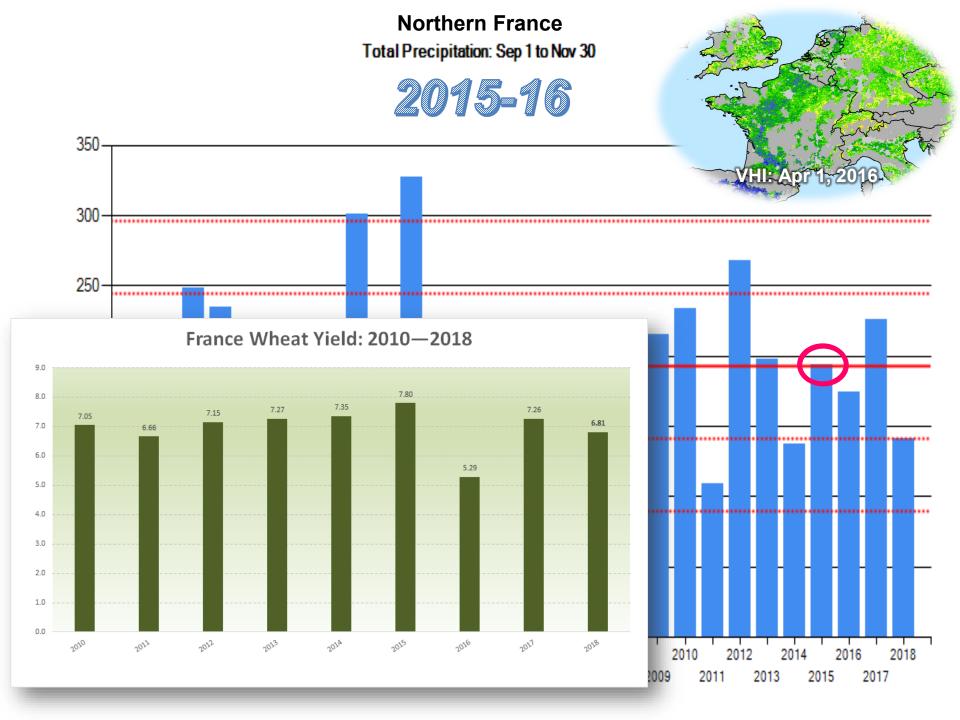






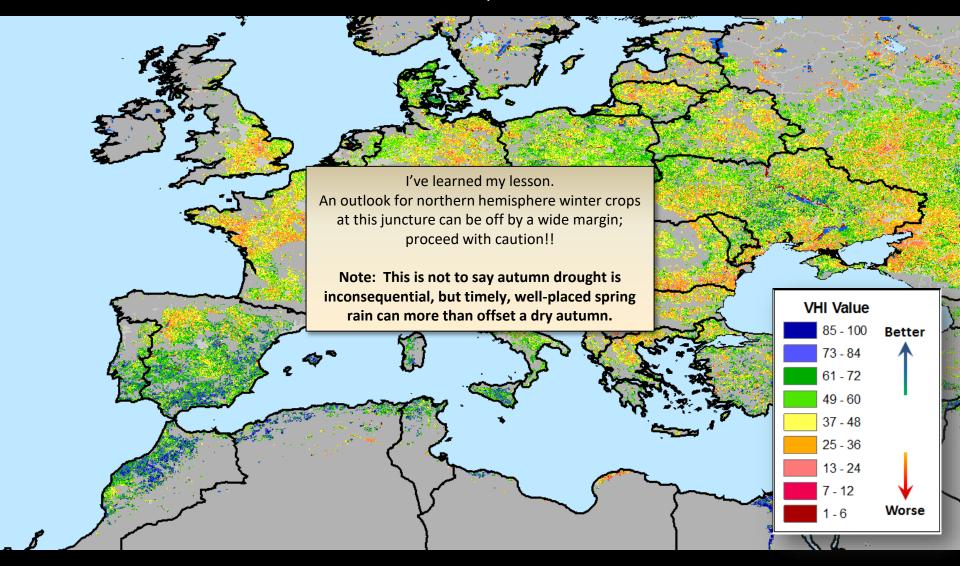




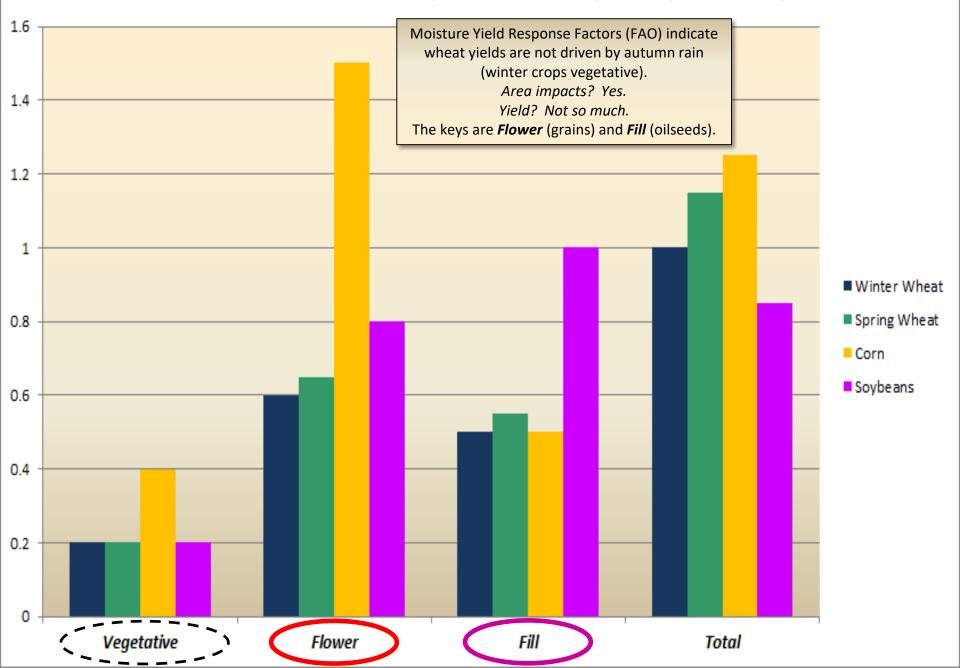


## **Vegetative Health Index**

Nov 18, 2018

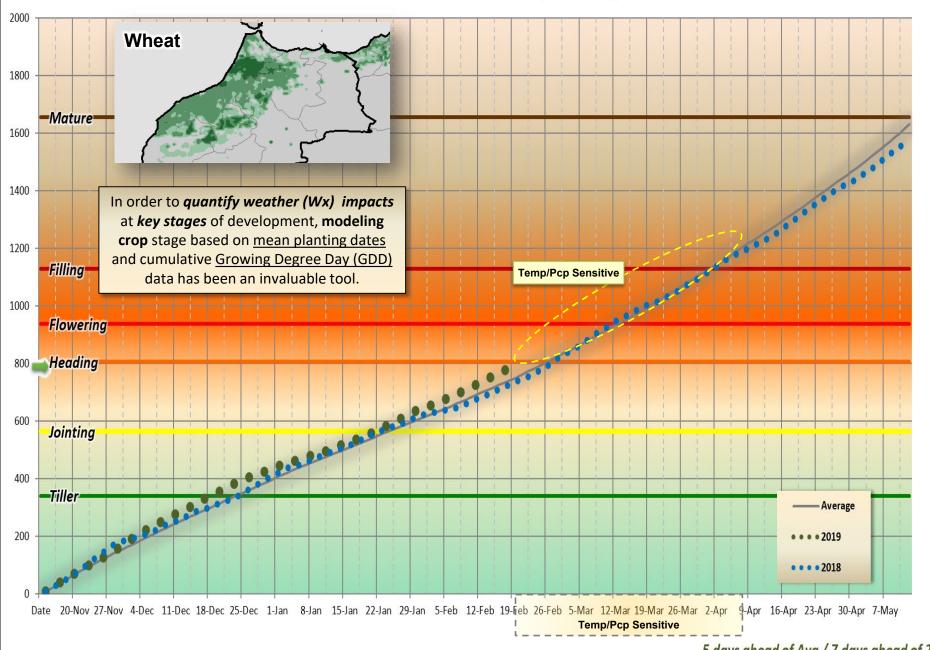


## Water Deficit Yield Response Factors (ETactual/ETmeasured)



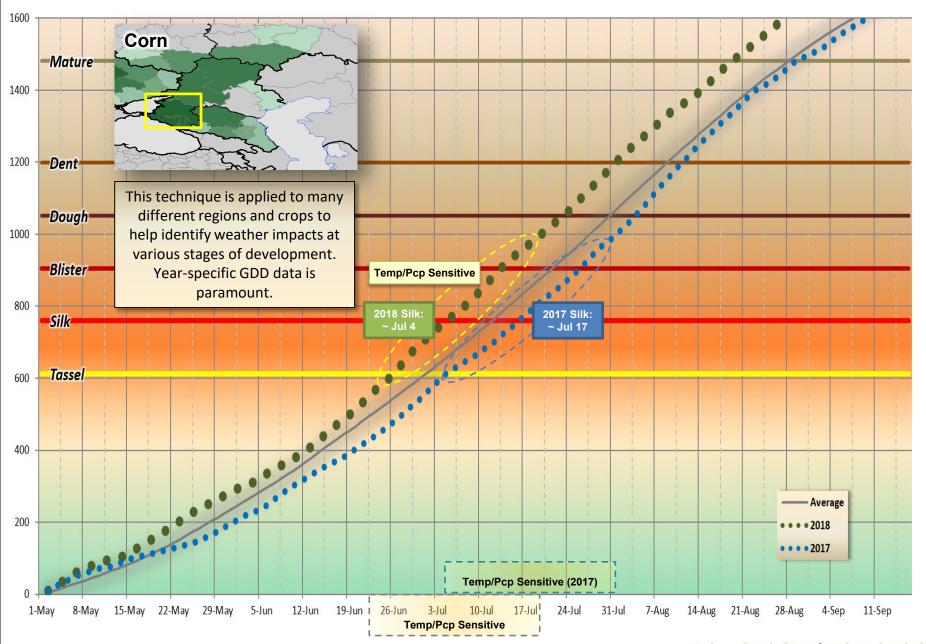
**GDD** 

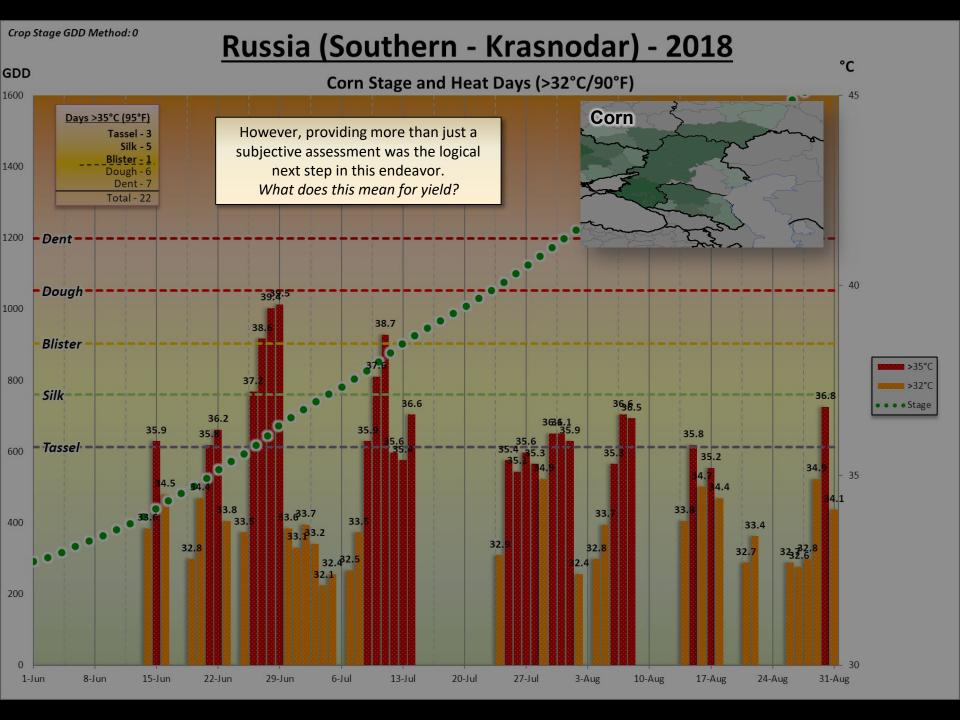
## Wheat: Morocco (North)



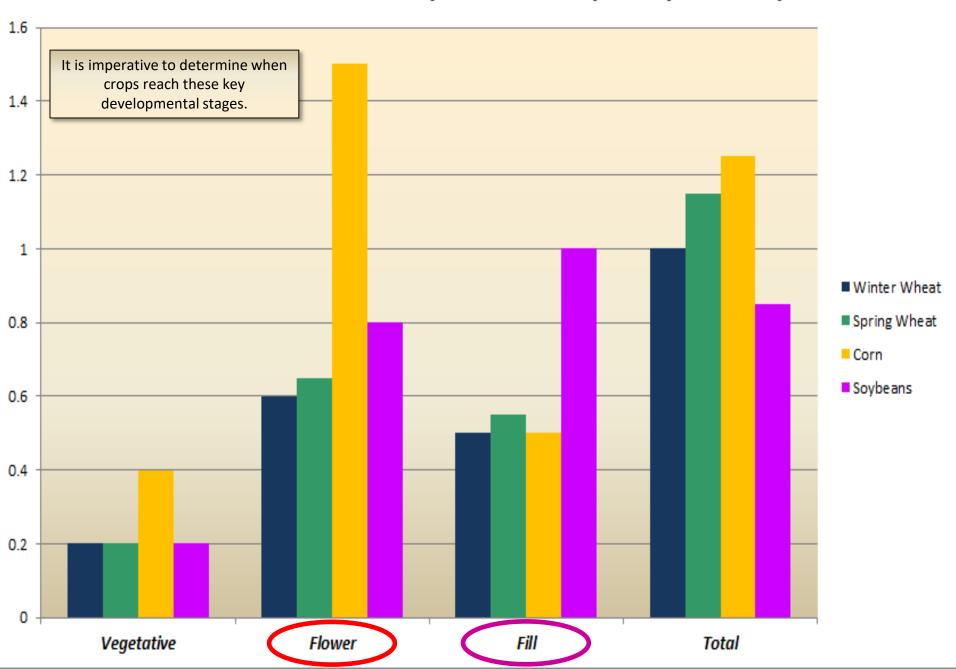
**GDD** 

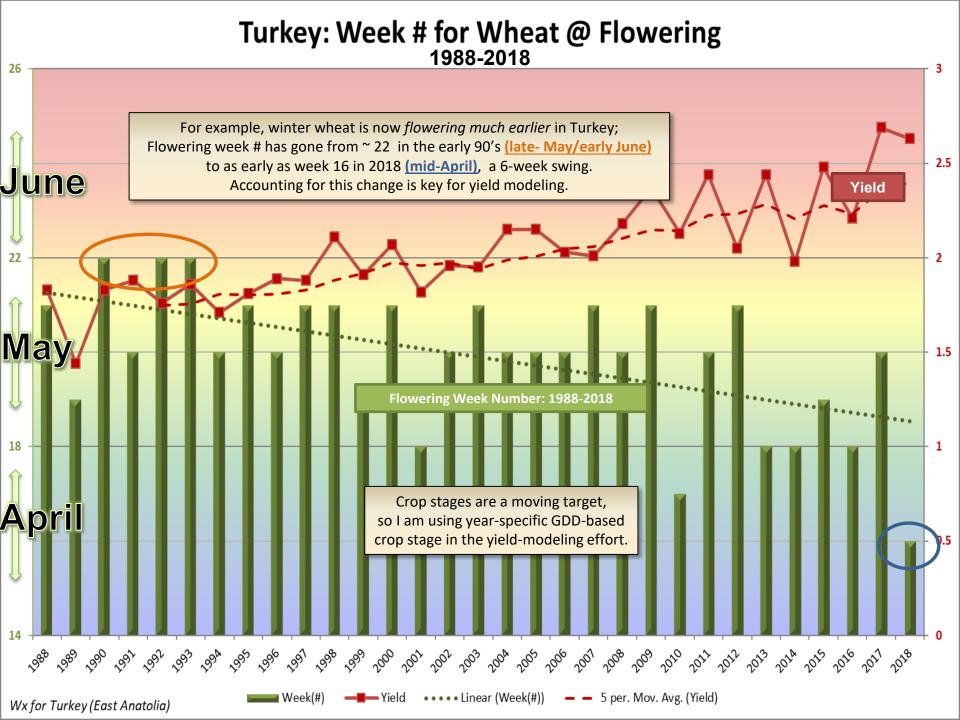
## **Corn: Russia (Southern - Krasnodar)**

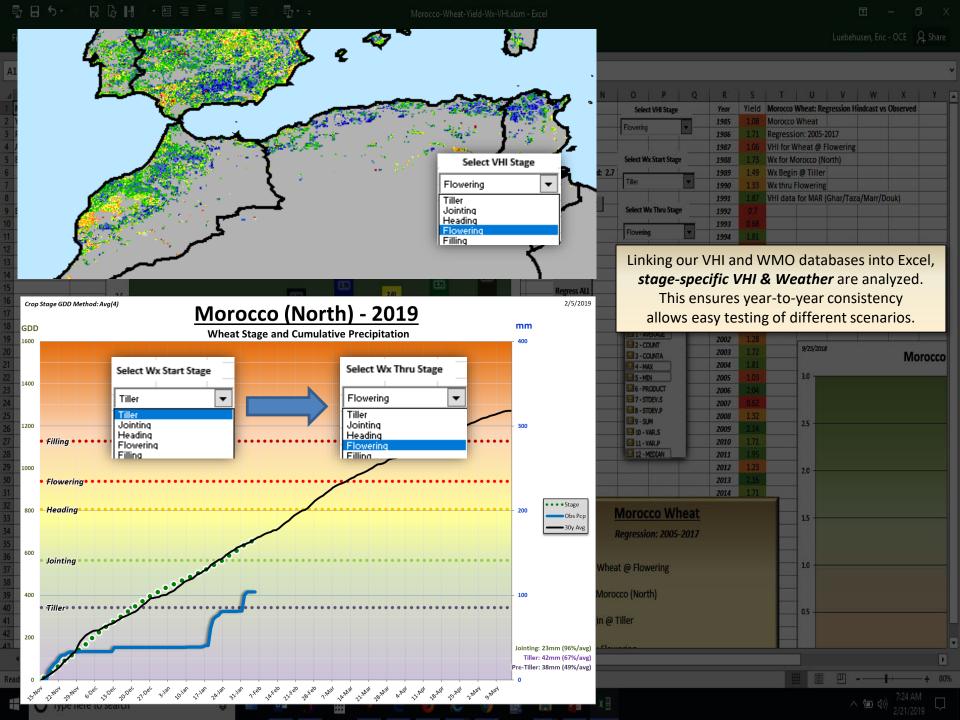


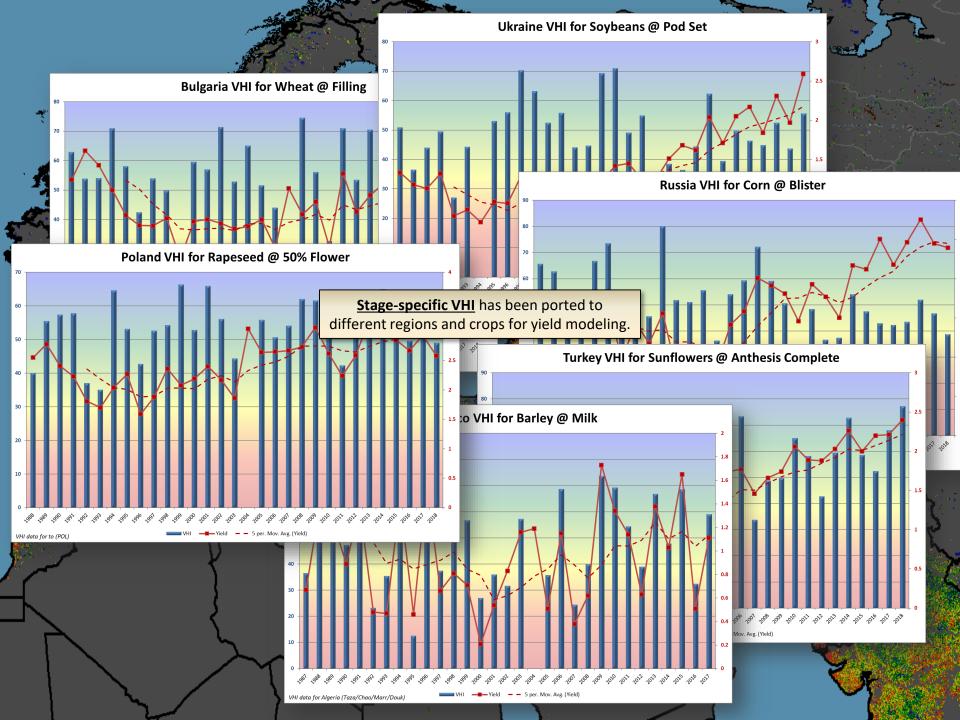


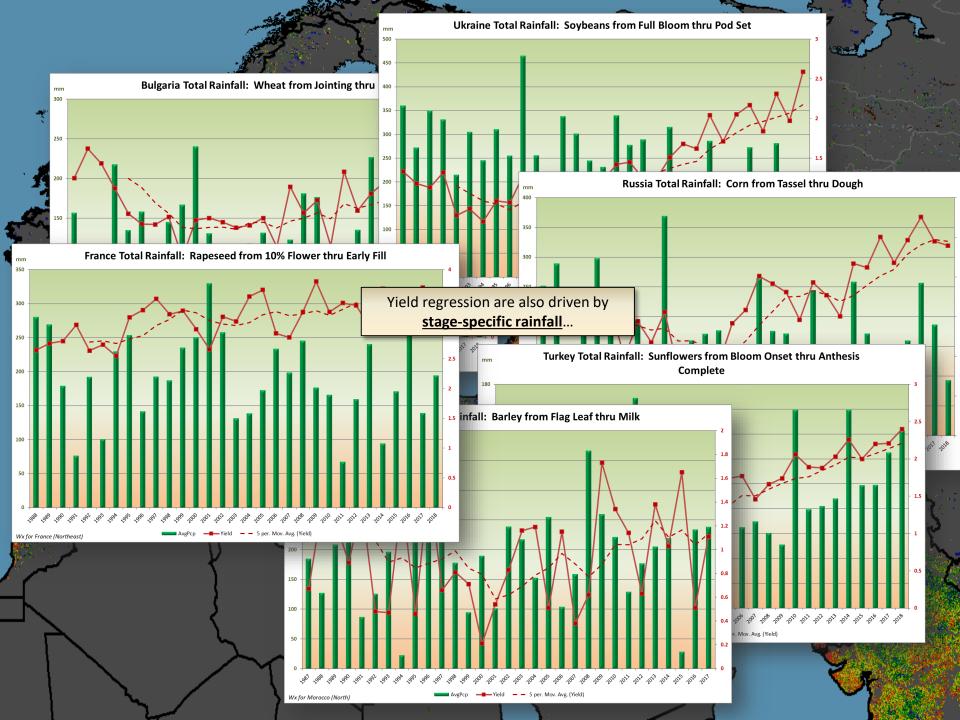
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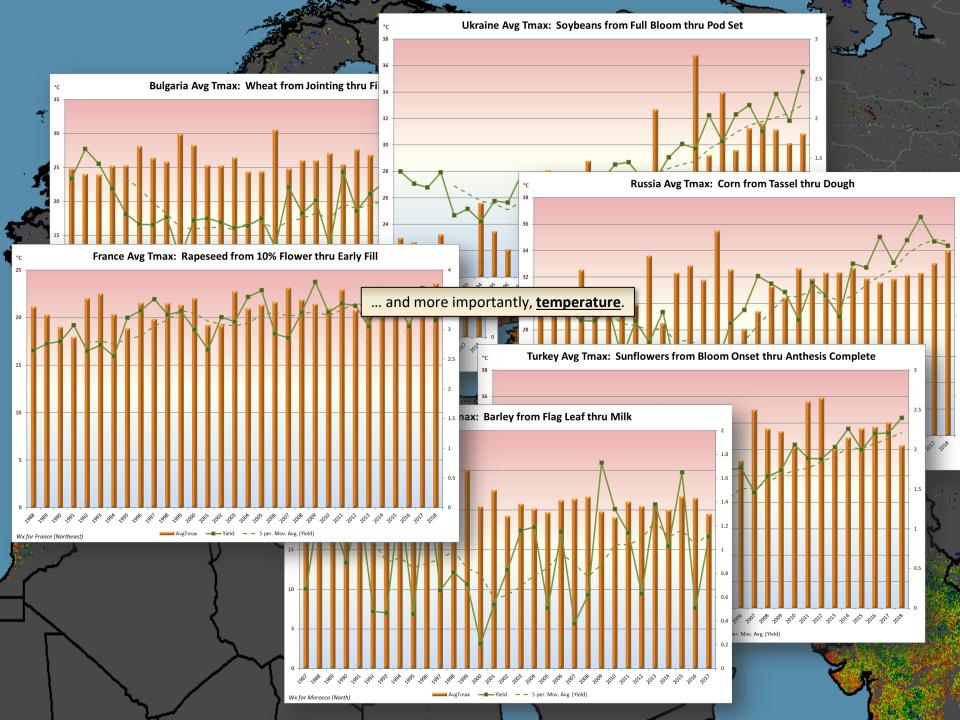


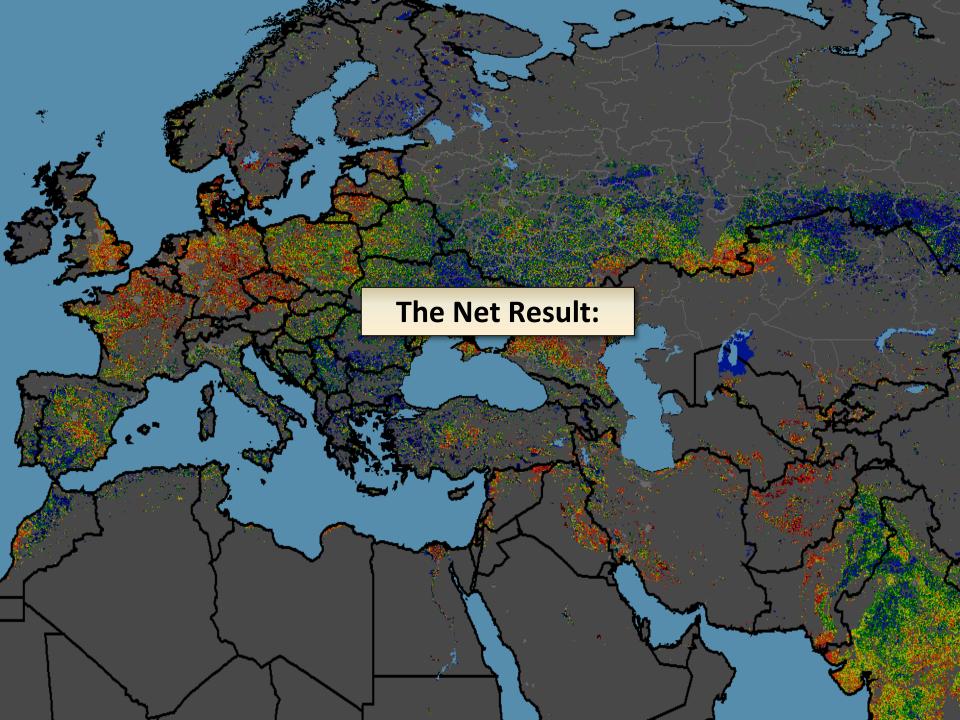


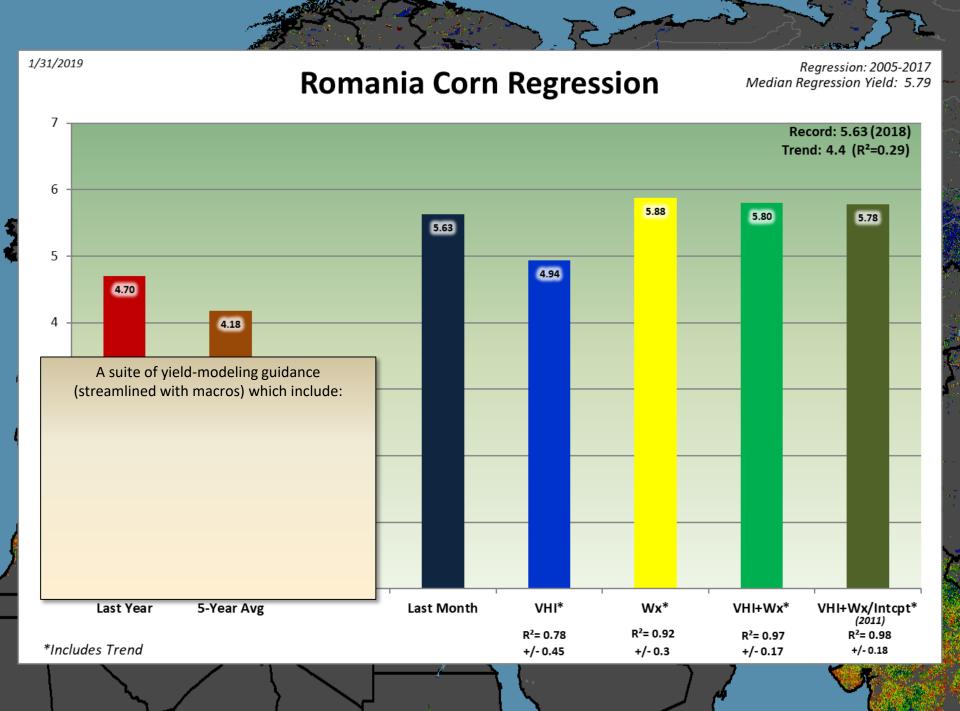








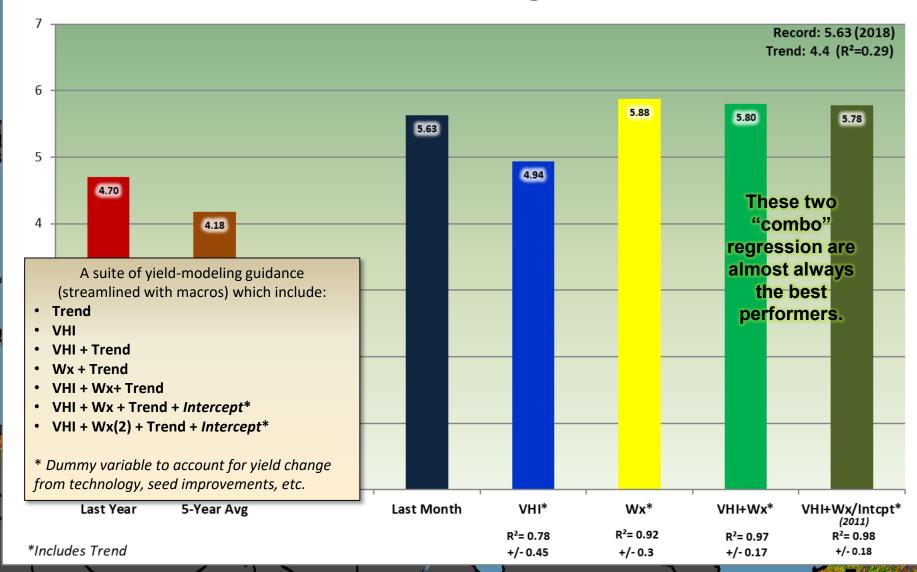


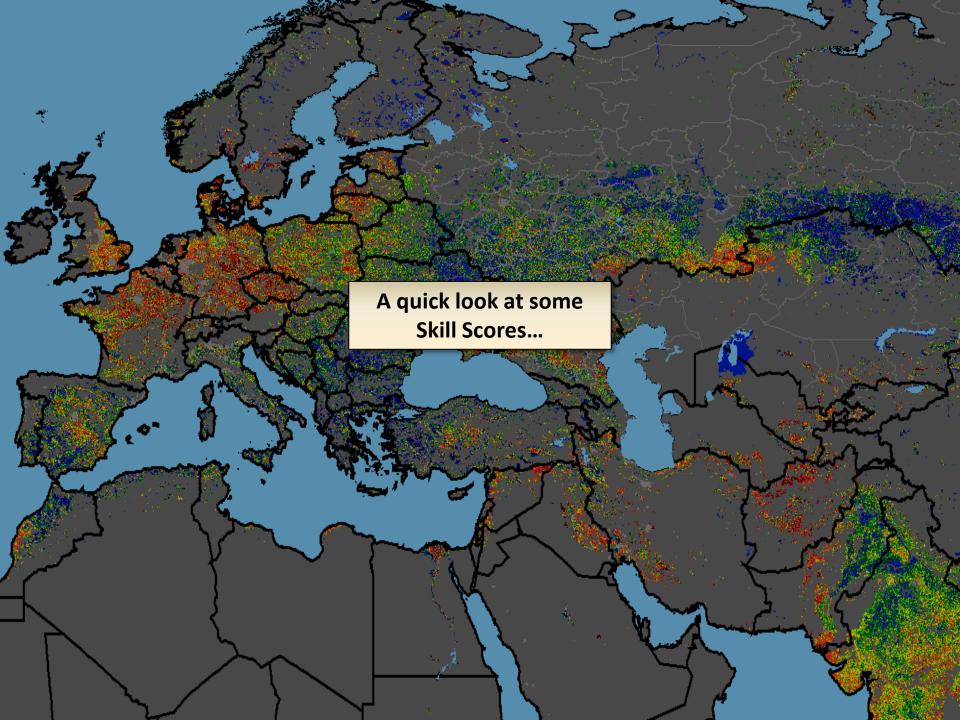


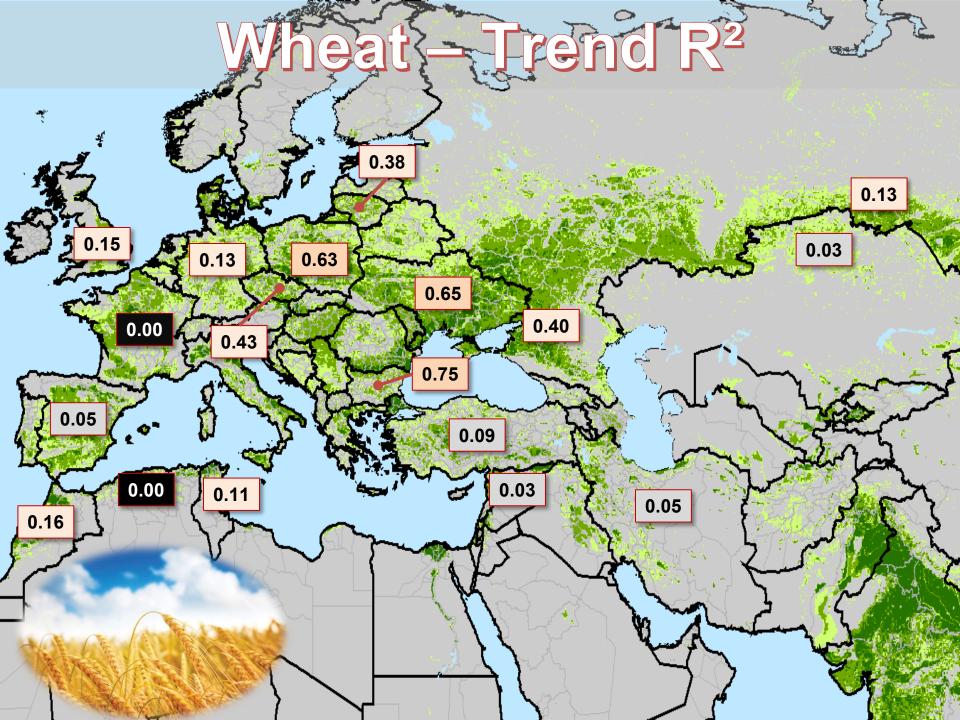
1/31/2019

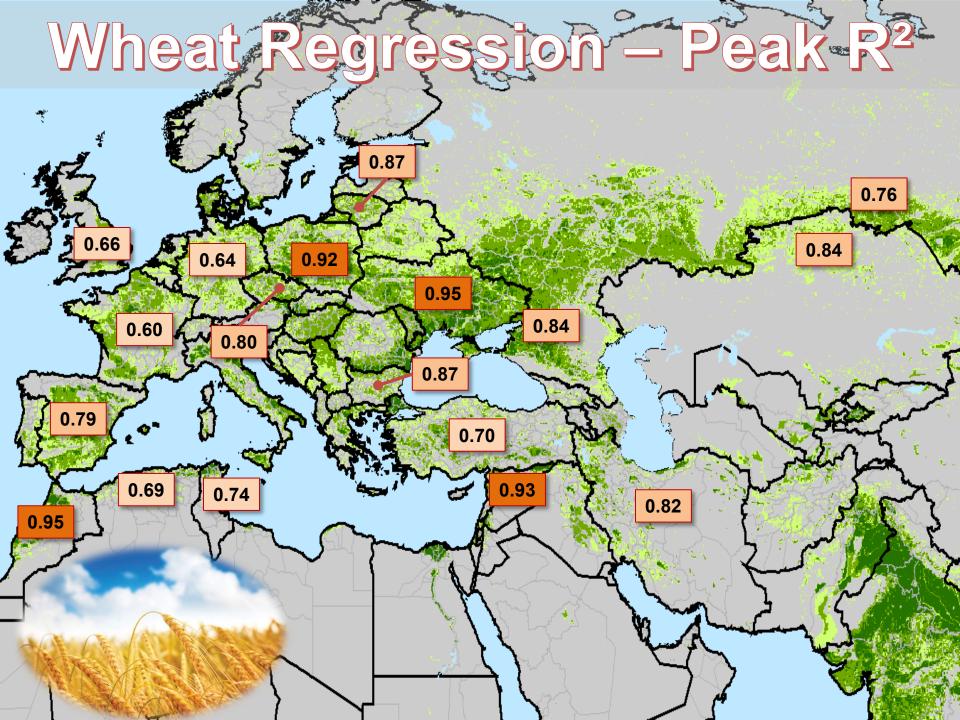
### **Romania Corn Regression**

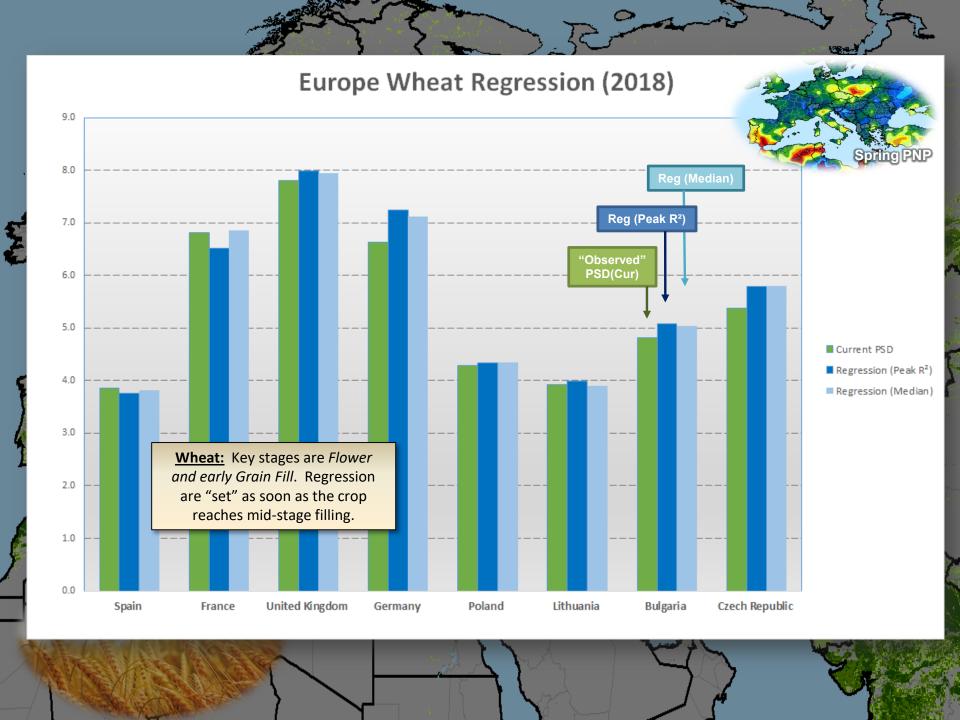
Regression: 2005-2017 Median Regression Yield: 5.79

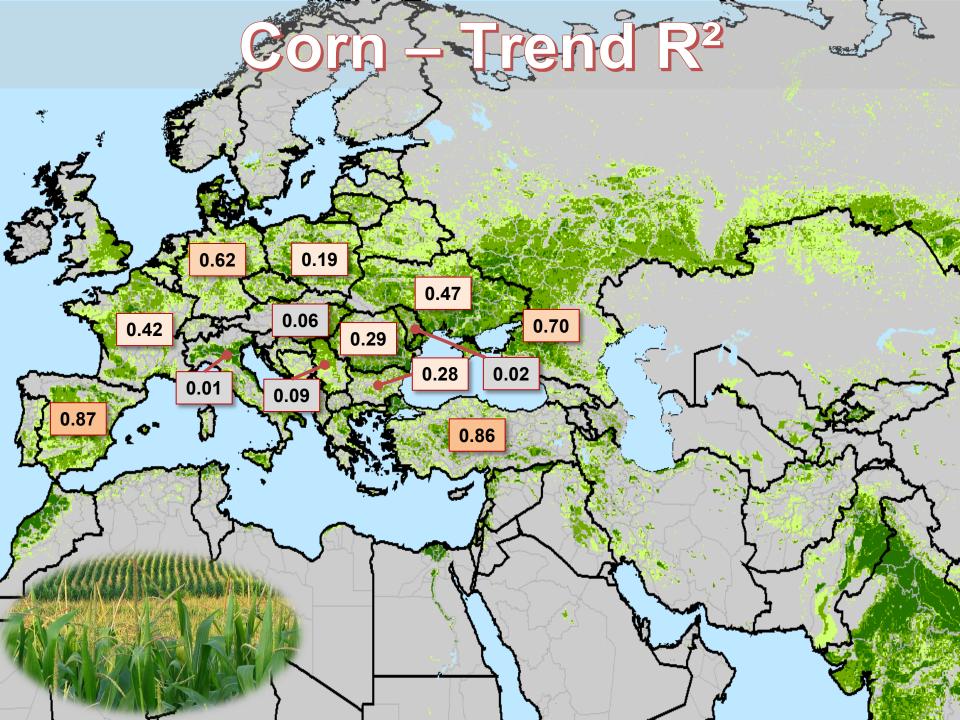


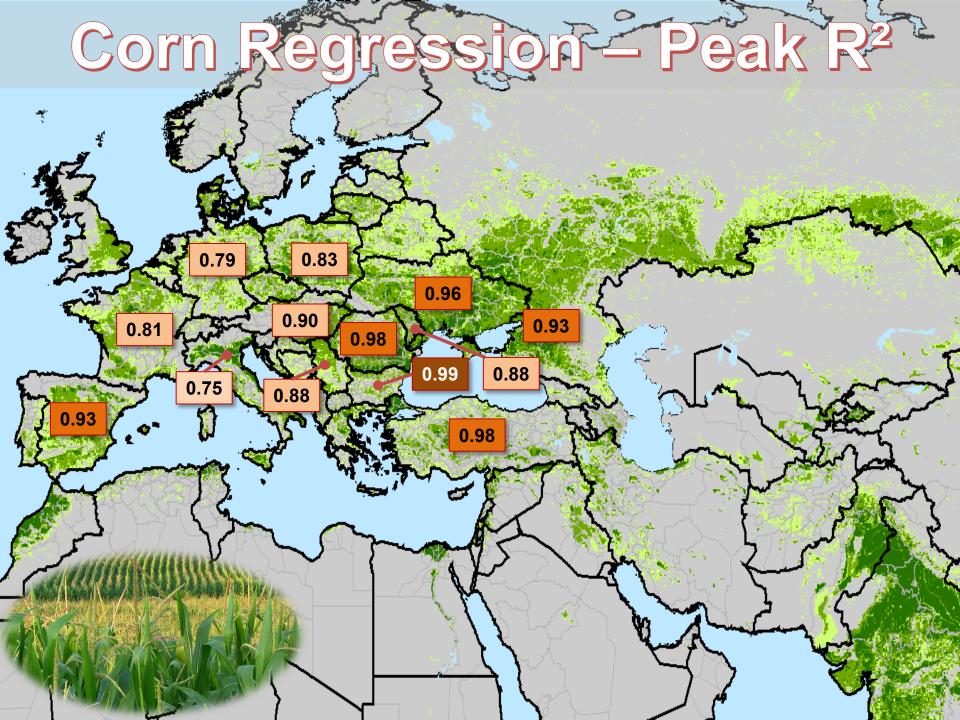


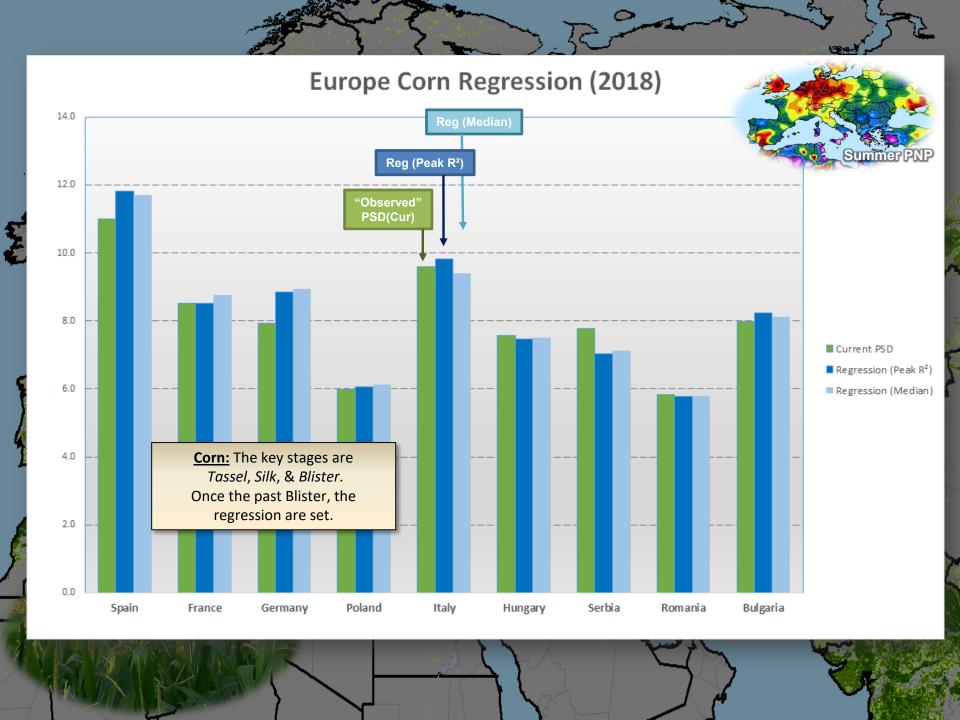


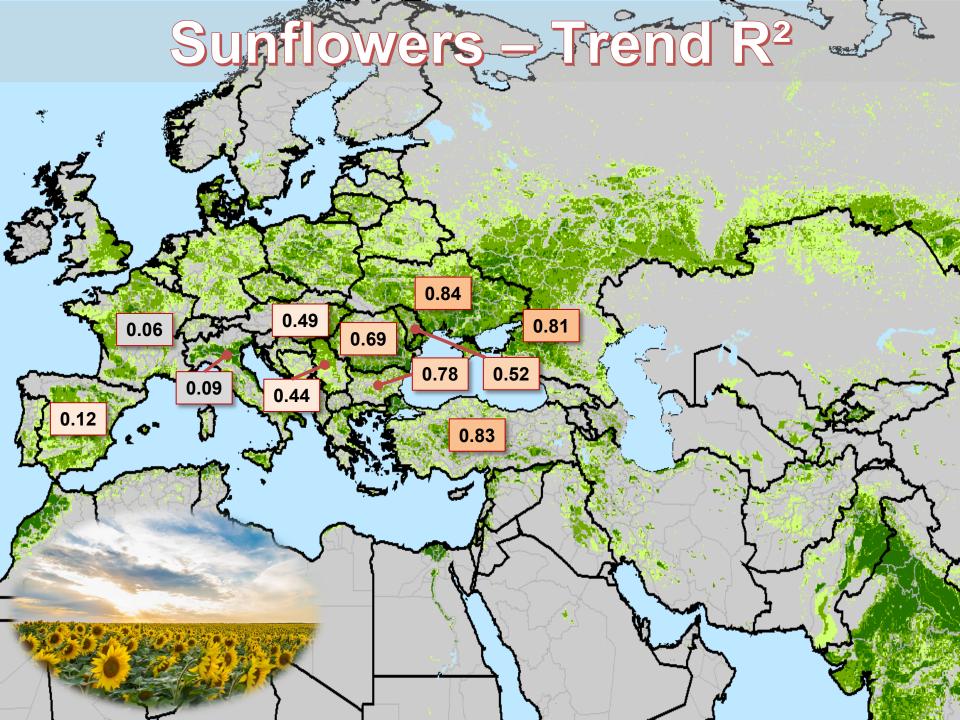


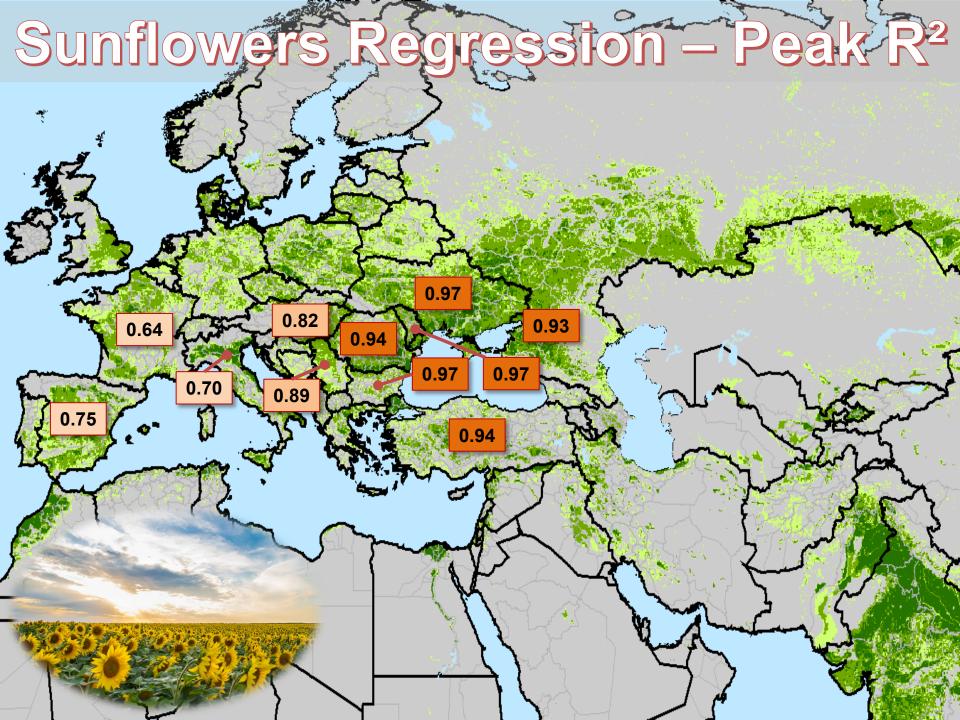


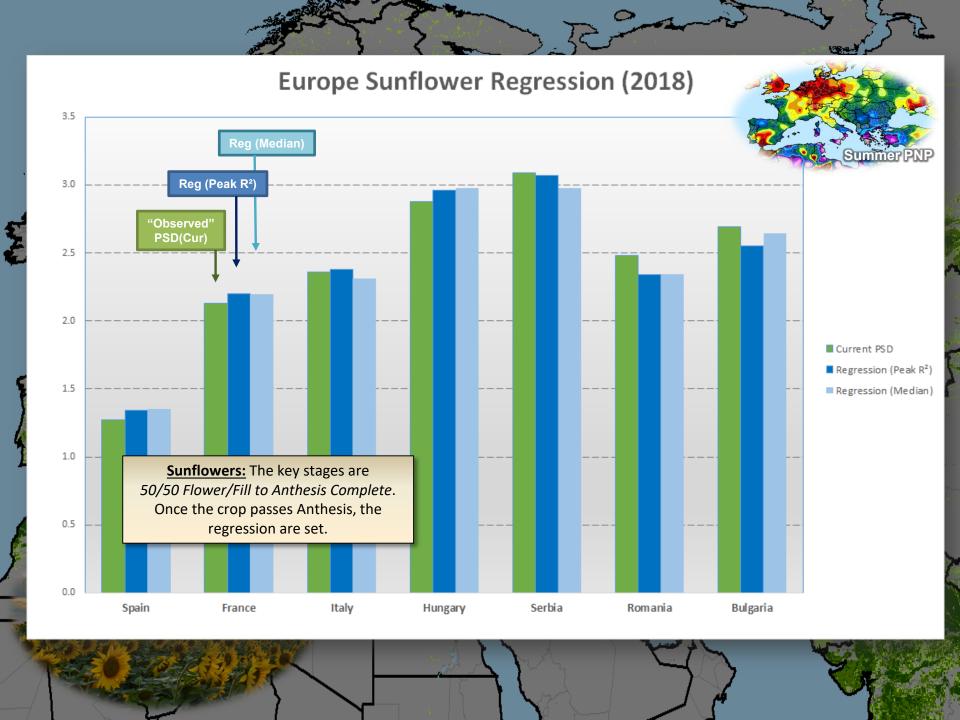


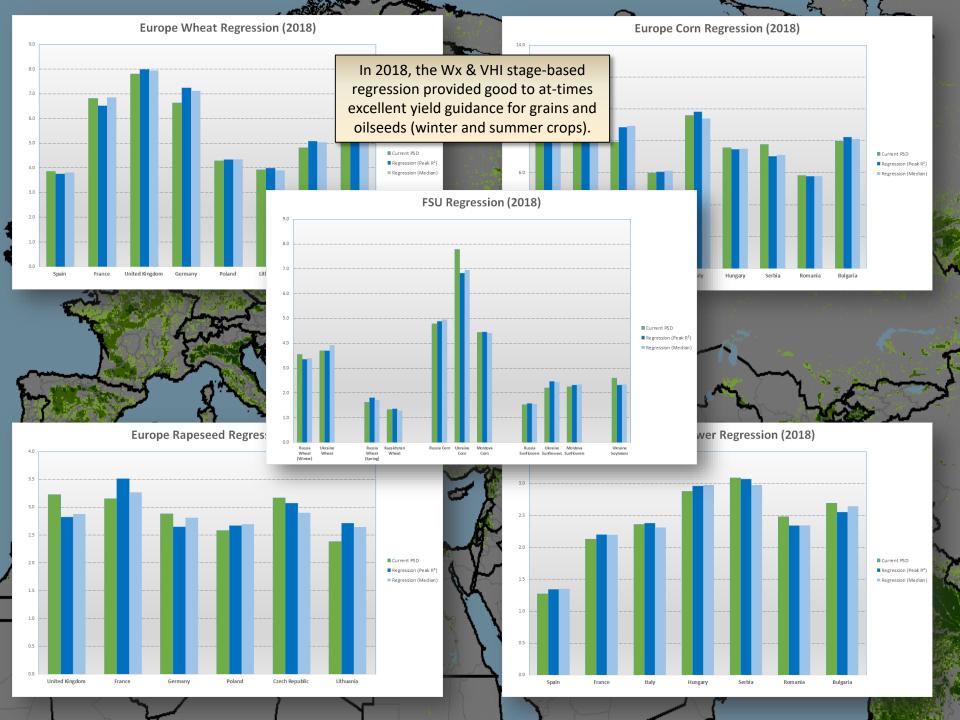








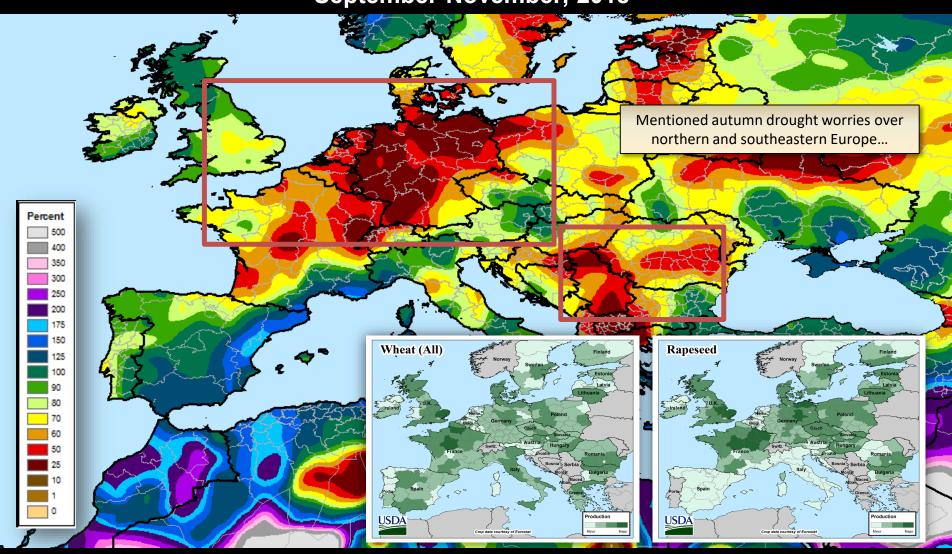




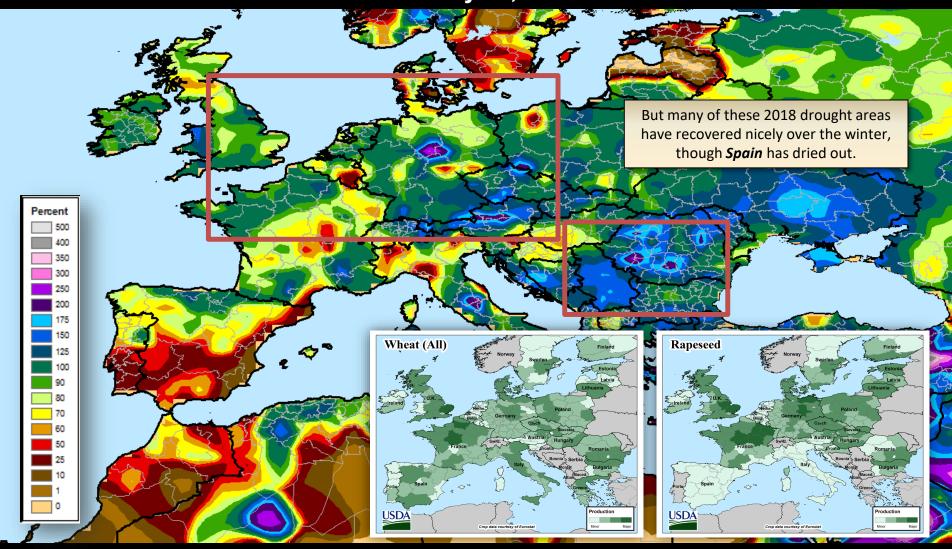


#### **Percent-of-Normal Precipitation**

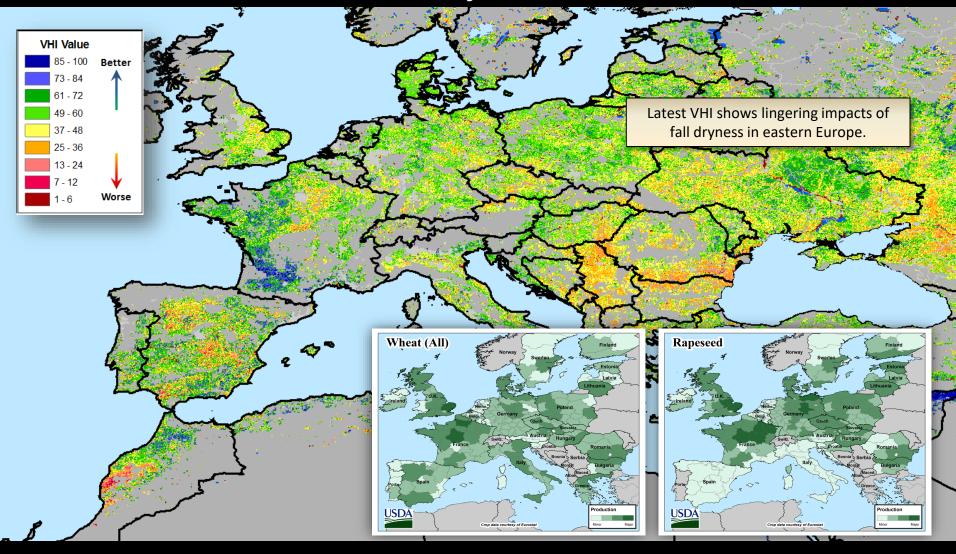
September-November, 2018



## 90-day Percent-of-Normal Precipitation

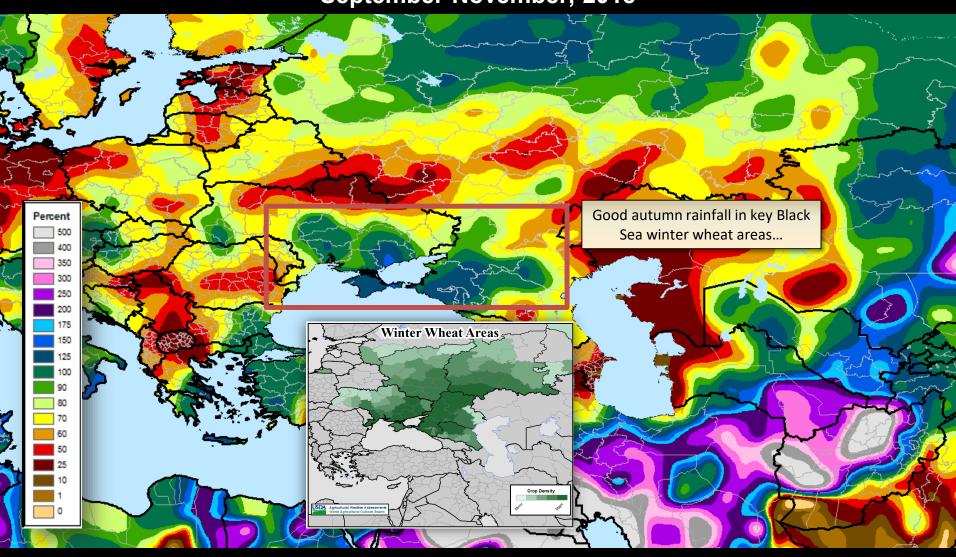


## Vegetation Health Index

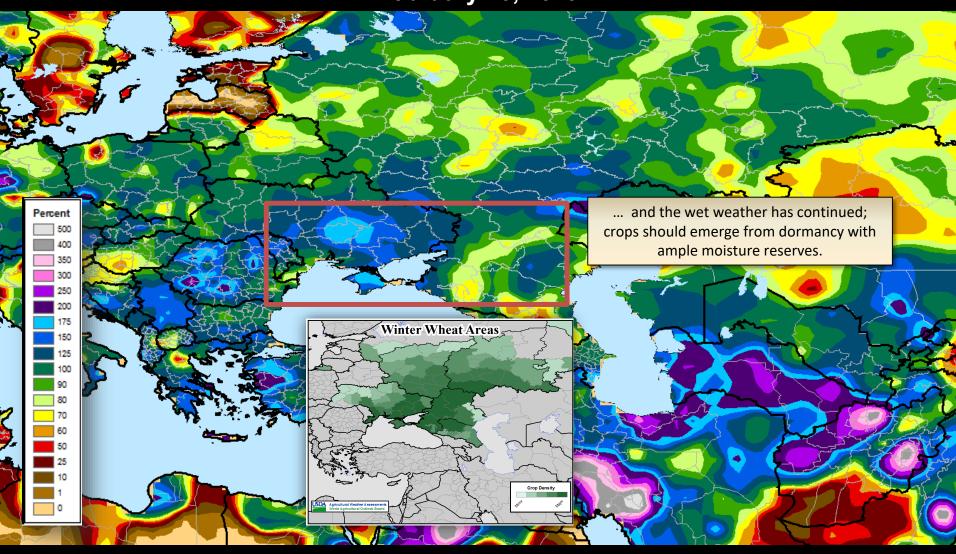


#### **Percent-of-Normal Precipitation**

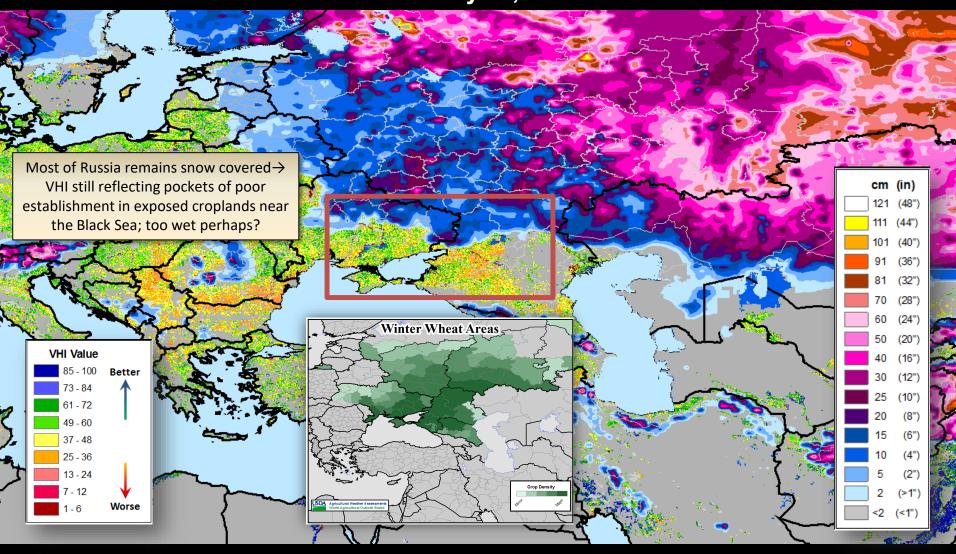
September-November, 2018



## 90-day Percent-of-Normal Precipitation

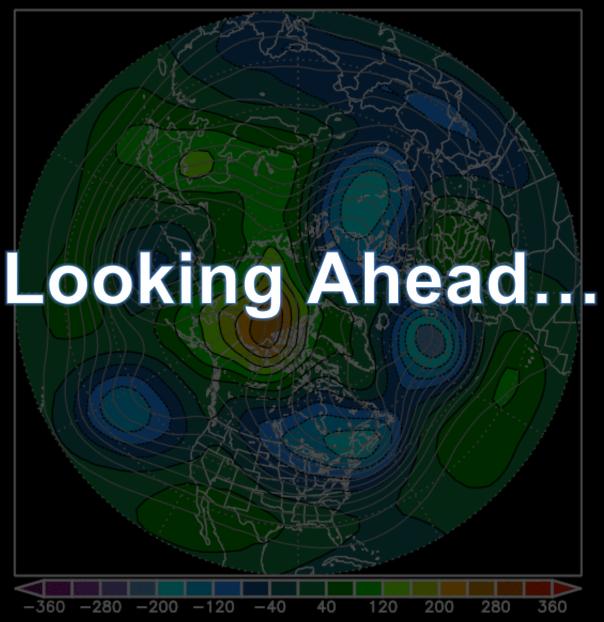


#### 90-day Percent-of-Normal Precipitation



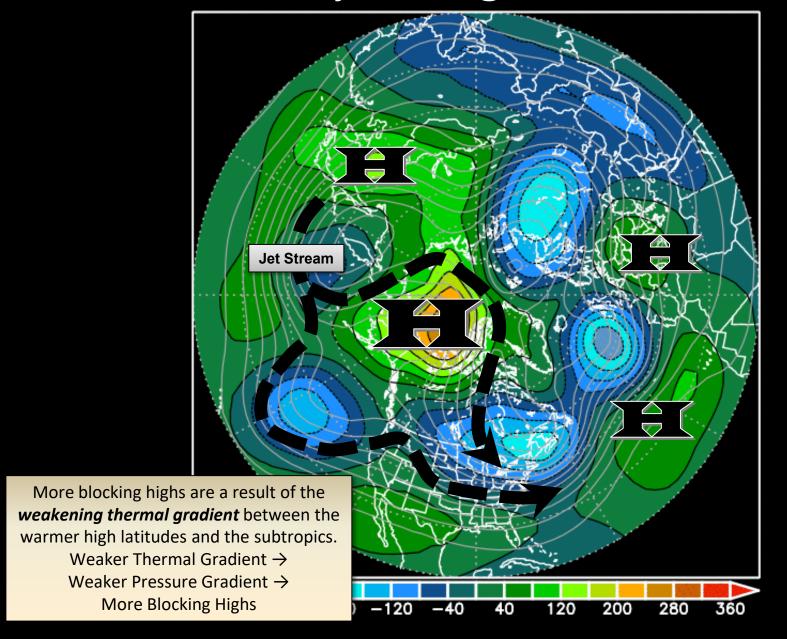
# The "New" Normal: Blocking Highs

Pressure Anomaly Forecast @ ~15,000' for March 4, 2019



#### The "New" Normal: Blocking Highs

Pressure Anomaly Forecast @ ~15,000' for March 4, 2019



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Pressure Anomaly Forecast @ ~15,000' for March 4, 2019

