

# City of Fargo Outlook

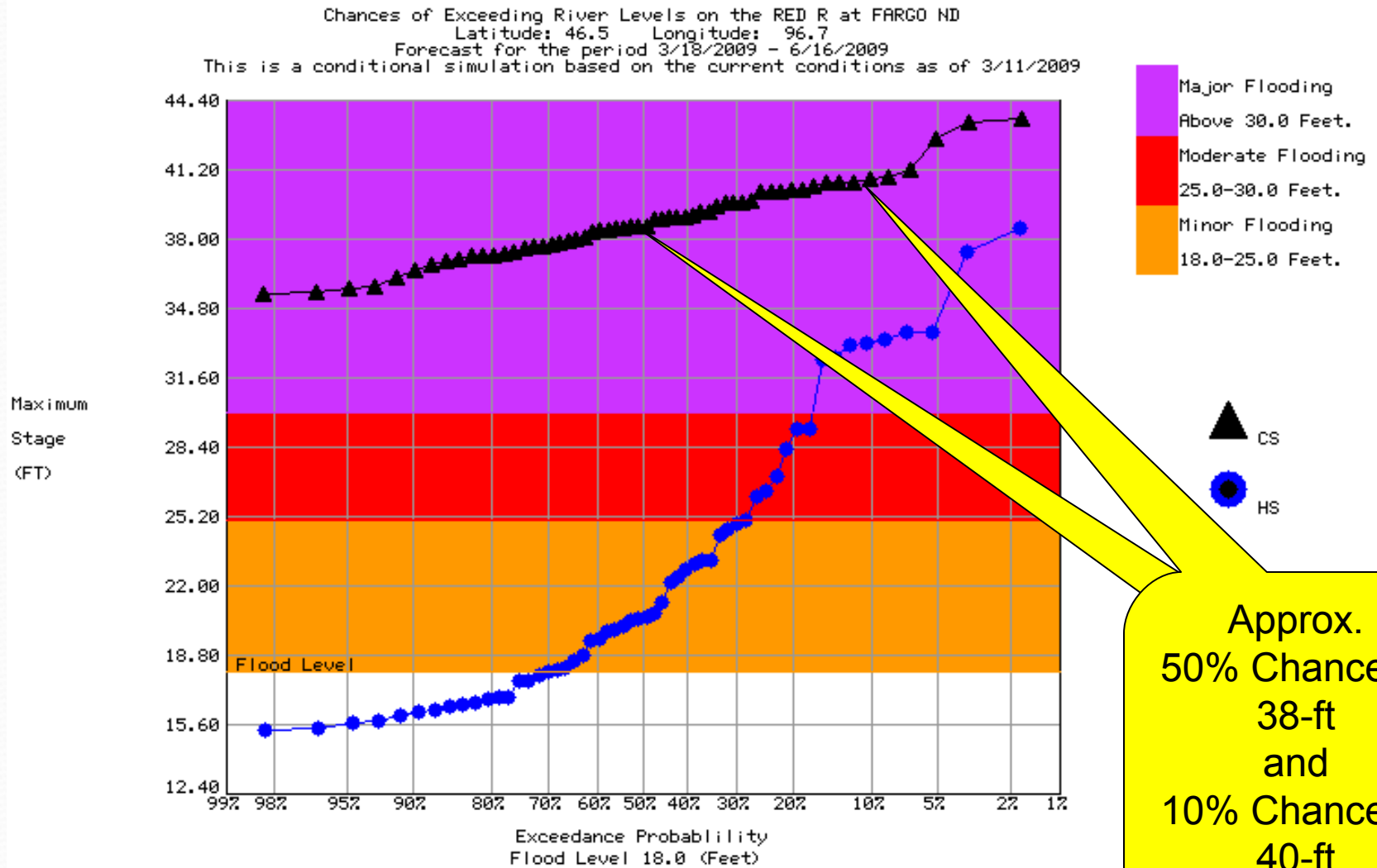
## Spring Flood 2009



**1997 Spring Flood –Peak 39.57 4/17/1997**  
**South of Fargo**

# 2009 Recent Flood Information

## ● Probabilistic Stage Predictions



# City of Fargo

## Spring Flood Outlook 2009

- **98% chance of 34**
  - Major flooding is anything 30 or higher
  - Requires construction of levee on 2<sup>nd</sup> street
- **50% chance of peak around 38**
  - Homes are affected and sandbag levees need to be constructed
  - Temporary pumping is necessary
- **10% chance of peak around 40**
  - Each foot of water surface elevation increases significantly the level of flood fight efforts needed

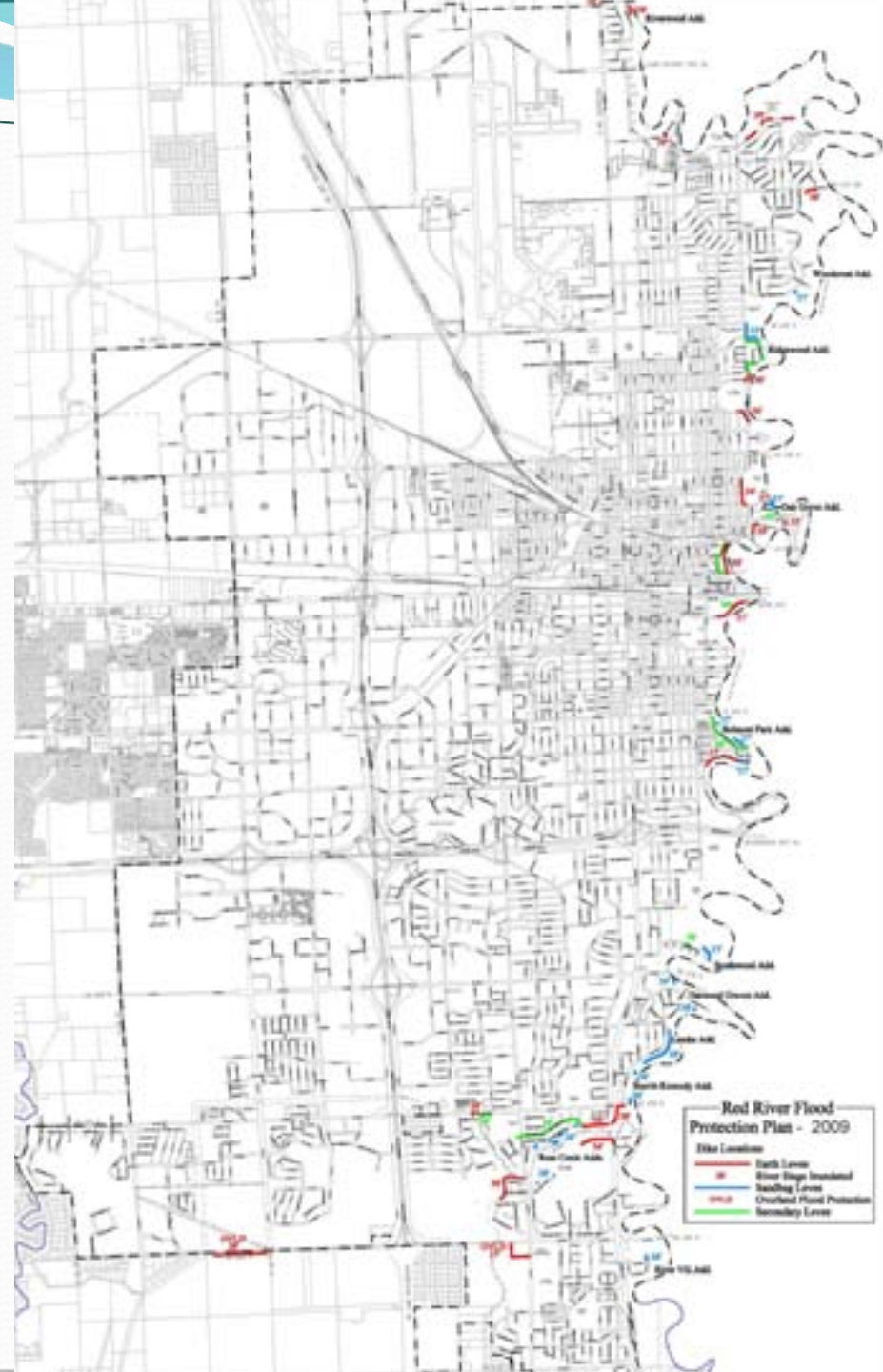
# City of Fargo Spring Flood Outlook 2009 Road Closures

**Closures begin at RG of 18**  
**13 are required at a RG of 36**  
**15 are required at a RG of 38**  
**16+ are required at a RG of 39**



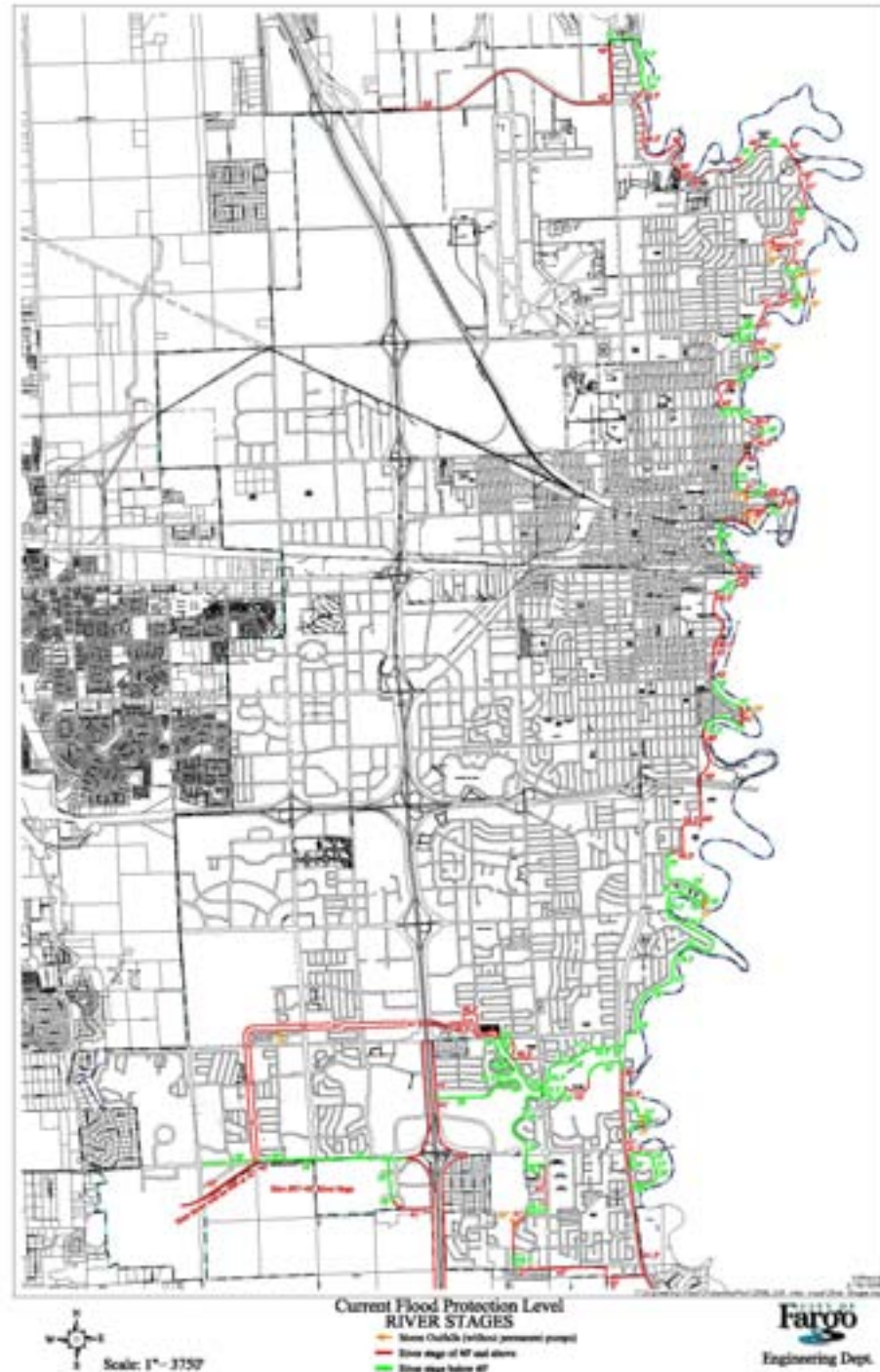
# City of Fargo Spring Flood Outlook 2009 Dike Locations

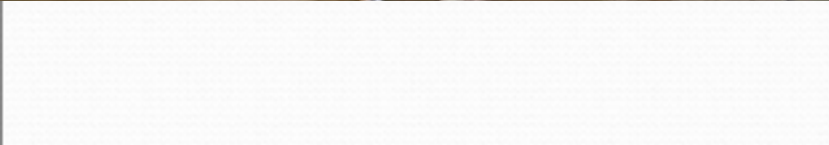
**Dike Construction at a RG of  
30  
10 locations at a RG of 36  
25 locations at a RG of 38  
29+ are required at a RG of 39**



# City of Fargo Spring Flood Outlook 2009 River Stages

- **Green indicates areas below a River Stage of 40**
  - Areas exist as low as 30
- **Red indicates areas above a River Stage of 40**
  - Ability to protect lowest areas becomes limited at higher river stages & secondary protection alignments have to be utilized





Burritt-Kennedy  
Sand Bag Levees River Level 37.18  
ft  
4-5-06

# City of Fargo

## Spring Flood Outlook 2009

- **Red River Corridor**
  - El Zogel
  - Riverwood
  - North Oaks
  - Trollwood
  - Woodcrest/Ridgewood
  - Oak Grove
  - Belmont Park/Lindenwood Dr.
  - South Wood/Country Club
  - River Drive/Harwood
  - River Vili
- **Wild Rice/Southwest Fargo Neighborhood**
  - Timberline
  - Copperfield Court
  - Oak Creek
  - Meadow Creek
  - Rose Creek

# City of Fargo

## Spring Flood Outlook 2009

### Need More Information?

- **Flood Information Center**

- Phone numbers: 701 -241 -1545
- Hours 7:00 AM to 7:00 PM

- **Sand Bagging**

- Begin filling Friday, March 20
- Begin placing Monday, March 23
- Filling will be at the Fargo Garbage and Utilities building located at 2301 8<sup>th</sup> Avenue North.

# City of Fargo

## Spring Flood Outlook 2009

### Private Levees sandbag

- **City provides residents with Sandbags**
  - where there is an identified need
  - and when filled bags are available
    - Bag filling will begin this Friday
- **City coordinates volunteers**
  - Engineering staff is assigned to coordinate and assist in neighborhoods
- **Homeowner s are responsible for removals**

# City of Fargo

## Spring Flood Outlook 2009

### Need More Information?

- Useful information on the website for citizens to access [www.cityoffargo.com/Flood09/](http://www.cityoffargo.com/Flood09/) this site includes:
  - Link to national weather service
  - Link to FEMA s Floodsmart.gov
  - Preliminary floodplain maps
  - Protection Plan Information
  - Sandbagging information
  - Information on how to plug drains
  - Location for contractors and service providers to inform the city of available materials for donation or rent

# City of Fargo

## Spring Flood Outlook 2009

- **Flood Stage Mapping**

# Crest (36.0 ft)

Burritt-Kennedy/Belmont



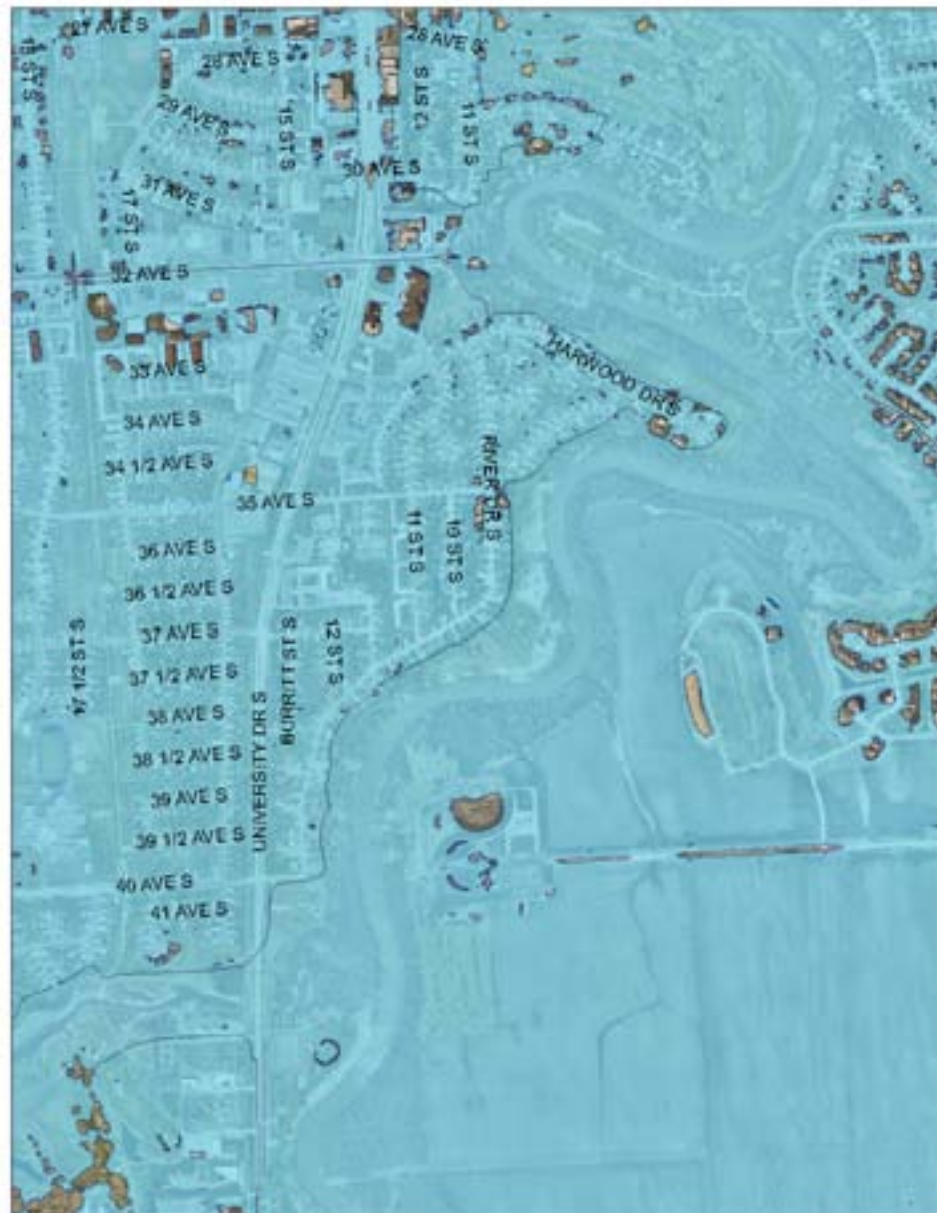
# Crest (38.5 ft)

Burritt-Kennedy/Belmont



# Crest (41.0 ft)

## Burritt-Kennedy/Belmont





# Crest (38.5 ft)

## Centennial-Rose Creek/E I Zagal



# Crest (41.0 ft)

## Centennial-Rose Creek/E I Zagal





# Crest (38.5 ft)

## Timberline-Fox Run



# Crest (41.0 ft)

## Timberline-Fox Run



# Crest (36.0 ft)

## Woodhaven-Osgood



# Crest (38.5 ft)

## Woodhaven-Osgood



# Crest (41.0 ft)

## Woodhaven-Osgood



# City of Fargo

## Spring Flood Outlook 2009

### Flood Insurance

- **30 day wait period on insurance**
- **Preliminary maps are available on line to help property owners assess the risk**
- **If not in the floodplain now or in the future flood insurance is still available through the NFIP**
- **If property will be in the floodplain property owners may be eligible for lower rates through grandfathering if policy is in effect prior to new maps being adopted**

# City of Fargo

## Spring Flood Outlook 2009

Questions / Discussion

