

Cedar River February 2020 Flood Damage

**Chris Brummer, PE, LEG
Supervising Engineer**

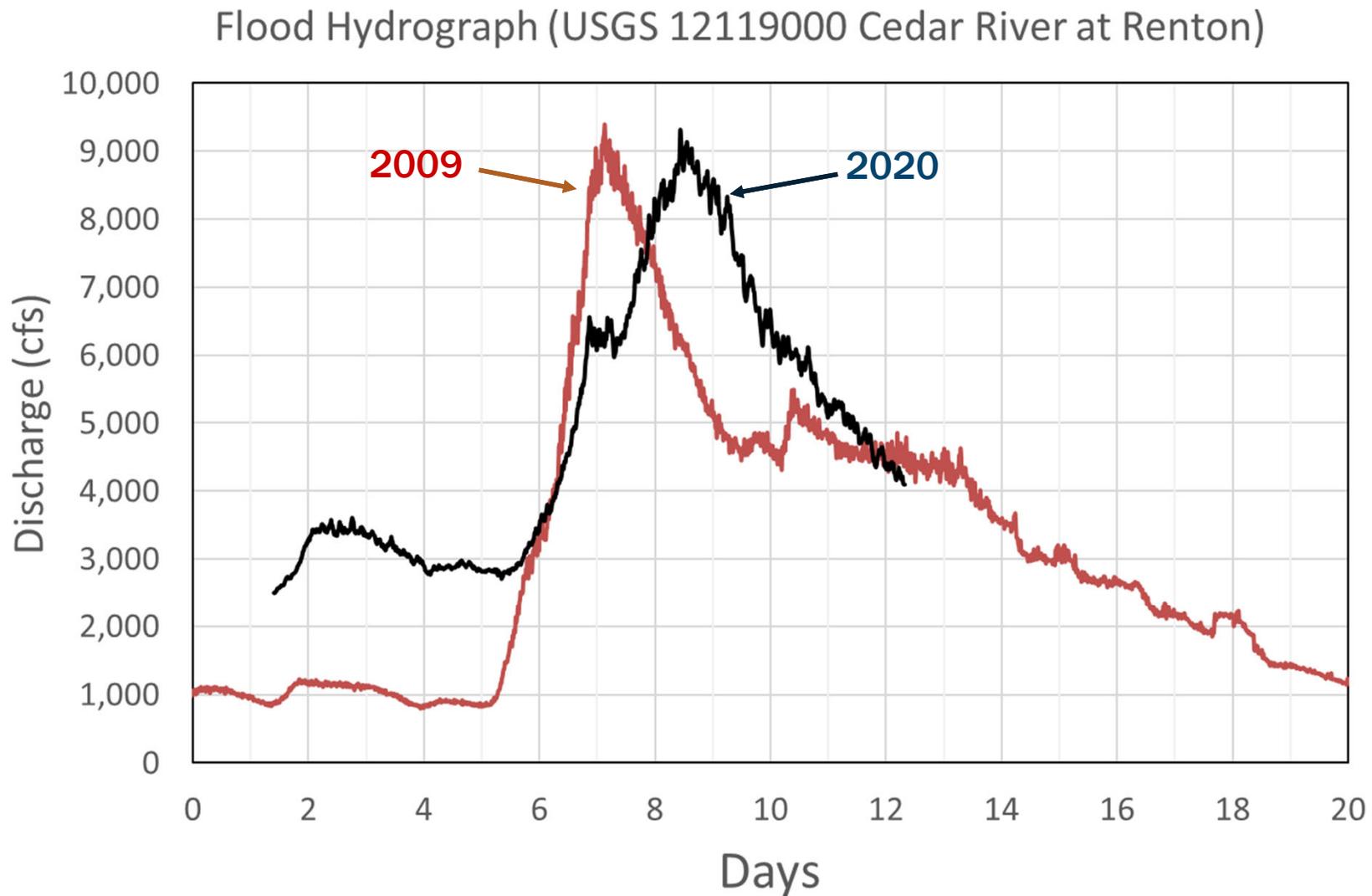
Cedar River Council, February 25, 2020

**Department of Natural Resources and Parks
Water and Land Resources Division
River and Floodplain Management Section**

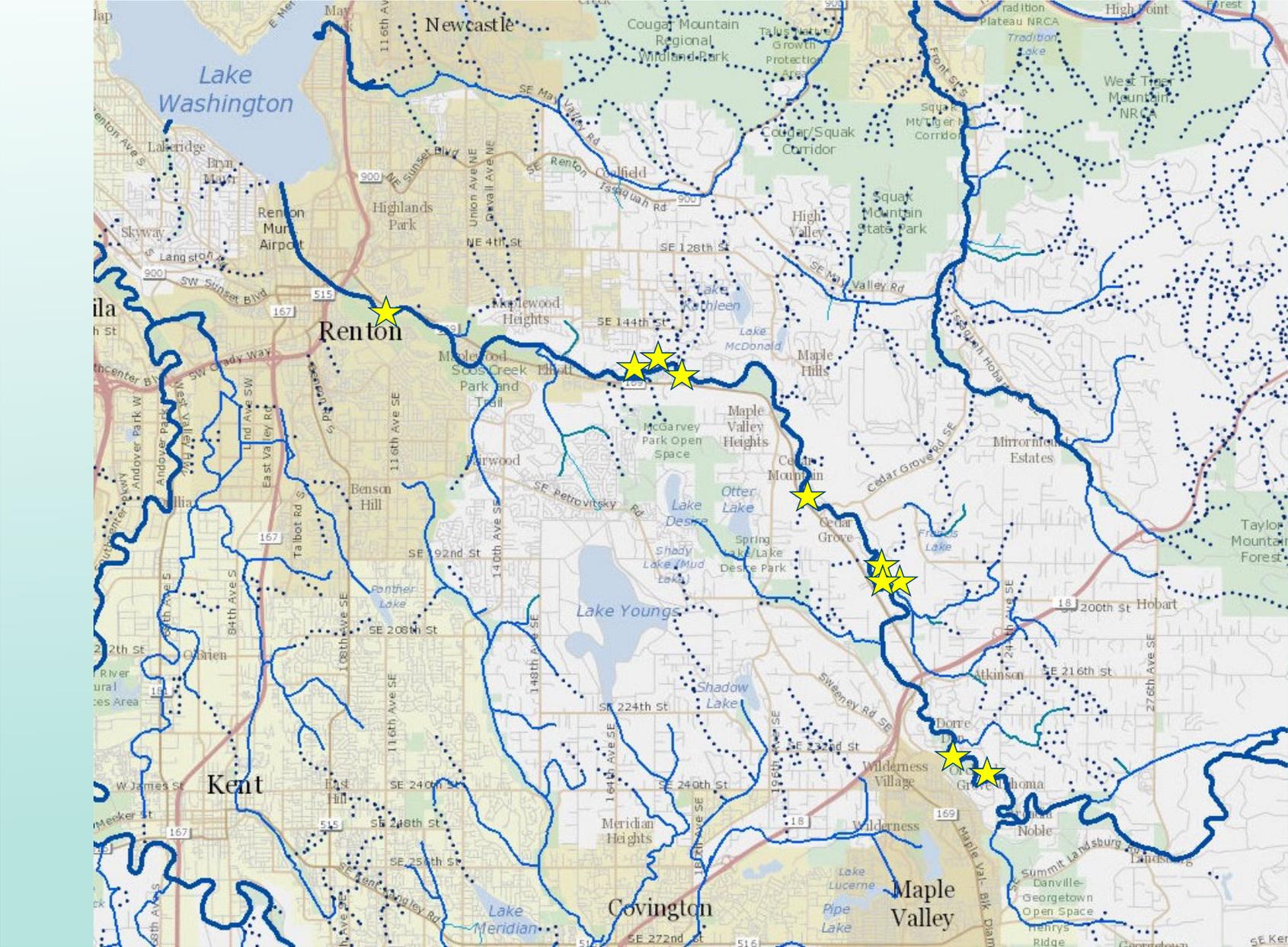


Flood Comparison (2020 vs. 2009)

Similar peak, but twice the duration above Phase 3 and 4



Cedar River Flood Damage Locations



Flood Response

- The King County Flood Warning Center was open from February 5-11.
- The Flood Warning Center received over 1,000 phone calls during the flood event.
- Flood patrol crews were in the field continuously for 6 days with two-person teams working 12-hour shifts.



King County Rivers	
S.F. Skykomish	Flood phase: 0
Snoqualmie	Flood phase: 2
Tolt	Flood phase: 3
Raging	No phase set
Issaquah	Flood phase: 4
Cedar	Flood phase: 4
Green	Flood phase: 3
White	Flood phase: 2

Data requested from USGS/NWRFC: 2/6
06:55 AM

Orchard Grove Levee

February 17, 2020

1500 cfs



Dorre Don Lower Revetment



February 17, 2020
1500 cfs

February 9, 2020
6000 cfs



Elkinton Avulsion (231st Place SE)



February 17, 2020
1500 cfs



Jan Road Levee



February 10, 2020
5200 cfs



Byer's Curve Levee

February 7, 2020
8000 cfs



Byer's Curve Levee



McDonald Levee

February 17, 2020

1500 cfs



SR 169 at Cedar Grove Road

February 7, 2020

8000 cfs



Cedar Rapids

February 10, 2020
5300 cfs



Brassfield Maxwell Guth Revetment



February 17, 2020
1500 cfs



Herzman Levee



February 10, 2020
5300 cfs

February 7, 2020
8000 cfs



Riverbend Upper & Lower Revetments

February 13, 2020

3000 cfs



CRT 2 Revetment (Emergency Repair)



CRT 2 Revetment (Emergency Repair)



CRT 2 Revetment (Emergency Repair)



Landslides



Questions?



Q



A

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KING COUNTY
FLOOD CONTROL
DISTRICT



King County