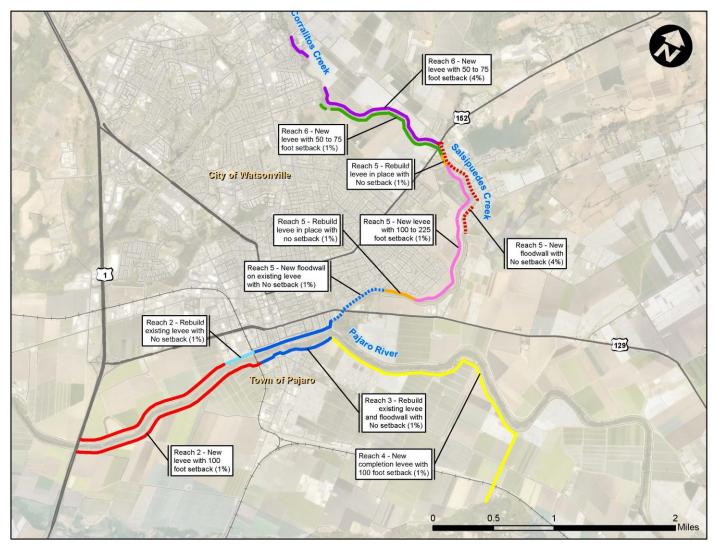


TODAY'S ACTION

- Background on Pajaro Levee
- Update following the 2022/2023 Storm Events
- Overview of recent emergency flood control activities

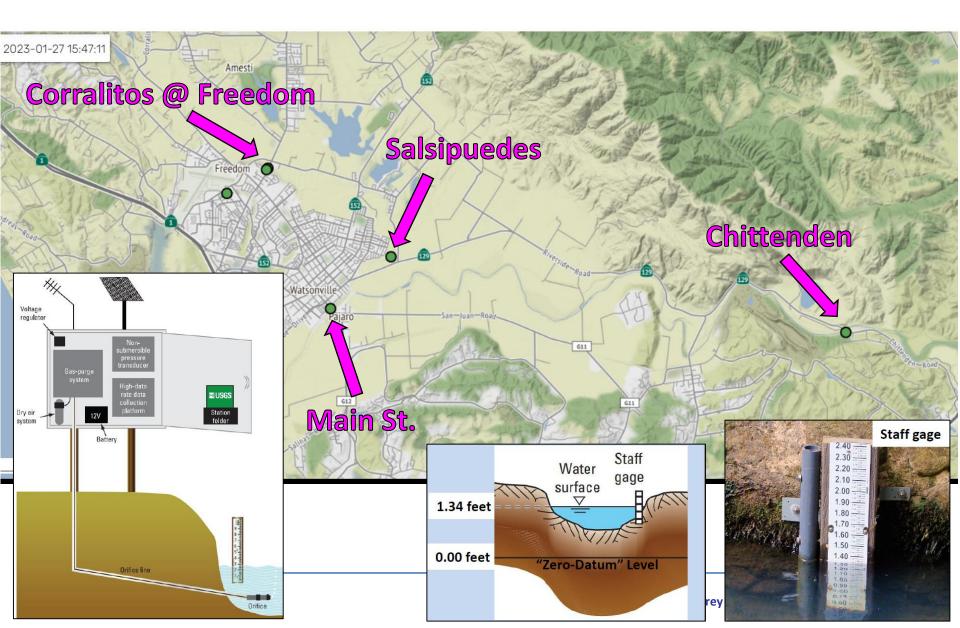


BACKGROUND OF LEVEE AND FUTURE IMPROVEMENTS BY PRFMA





FLOOD WARNING SYSTEM



Chance of Exceeda

Forecas

36

35

34

32

-32

30

29

29

28

Custom T

Export

Offici (Dete

0-5%

5-25%

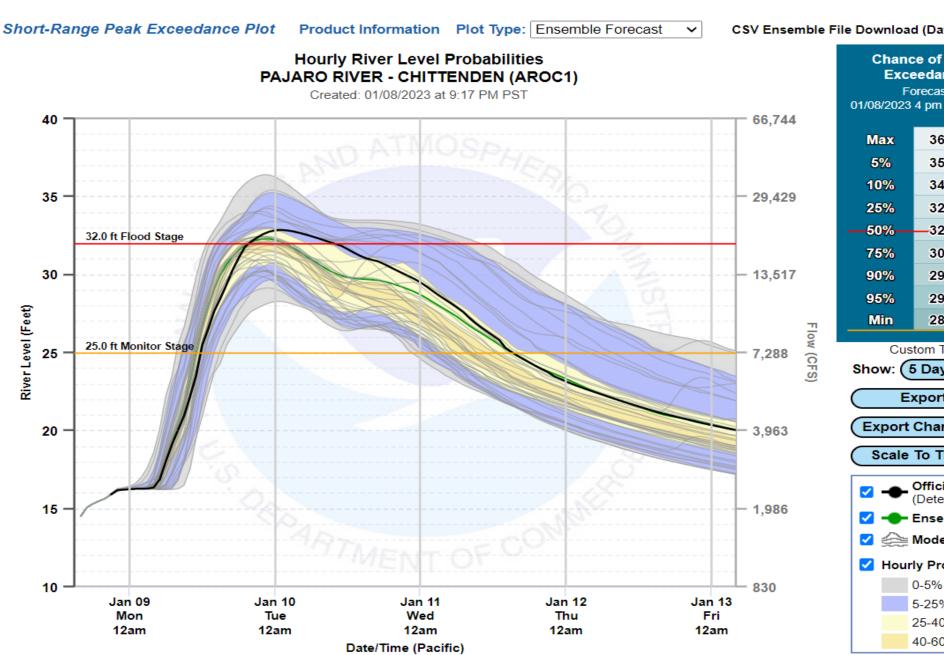
25-40

40-60

Ense Mode

Scale To T

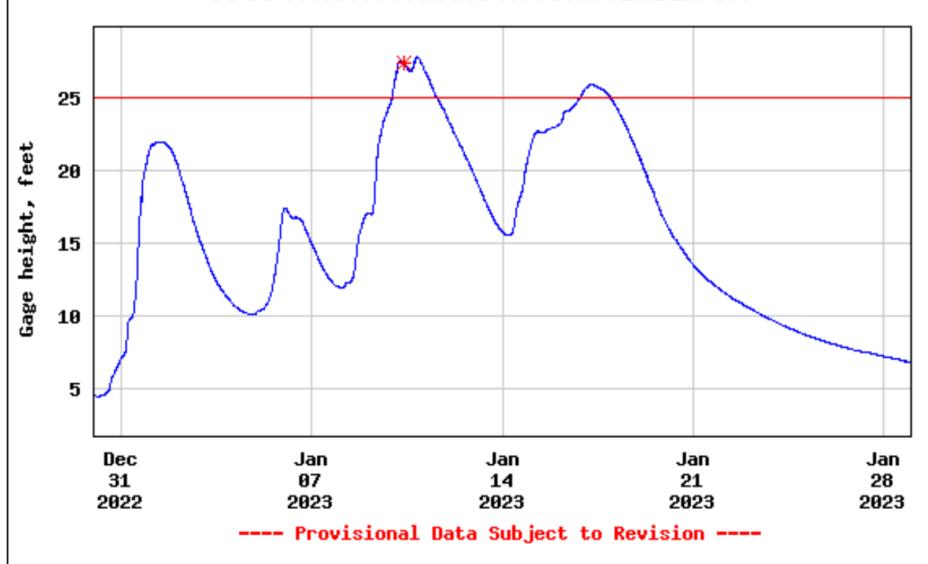
PRODUCT NOTE: Ensemble forecasts produced by CNRFC only consider meteorological uncertainty and do not account for hydrolog





Gage height

USGS 11159000 PAJARO R A CHITTENDEN CA



★ Measured gage height — Monitor Stage

MCWRA PREPARATIONS

- Pajaro flood preparations based on forecasts include:
 - Installed 3,000 linear feet of floodwall
 - Repairs to levee road and banks
 - Stockpiled materials for storm response
 - Improved all-weather access to the levee
 - Identified key areas for monitoring river height during peak flows



Pajaro Levee Preventative Measures

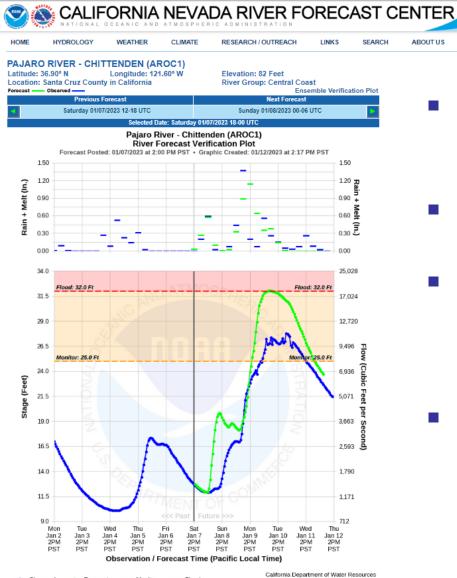






Pajaro River Forecast Jan 8-12

ABOUT US



- Forecasts (green line) above flood stage were predicted
- Actual river flows (blue line) peaked below the forecast
- MCWRA staff and consultants patrolled levees 24/7 to observe actual conditions
- Flows within the levee channel were at the top of the levee in some areas, during this peak event



Pajaro Levee Peak Flows – Jan 10th







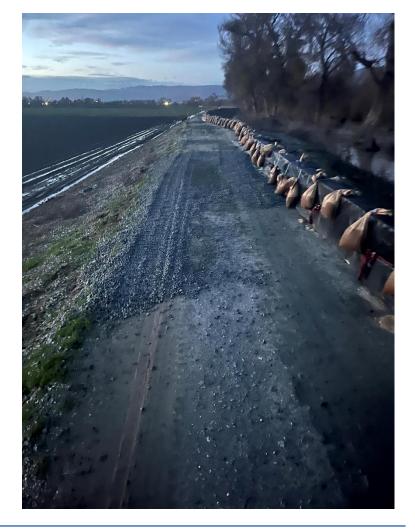












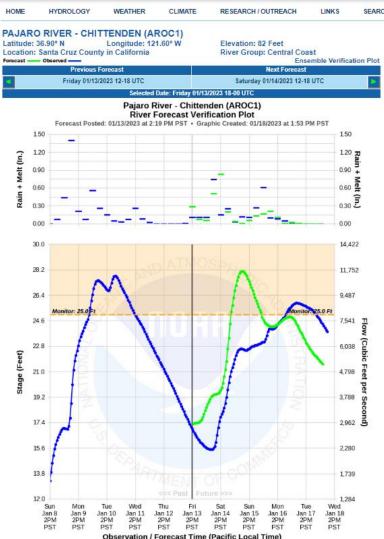






Pajaro River Forecast Jan 14-18





- Forecasts (green line) were predicted to be higher than previous actual flows
- Actual river flows (blue line) peaked below the forecast
- MCWRA staff and consultants continued to patrol levees 24/7 to observe actual conditions
- Flows within the levee channel were below the top of the levee in all areas during this event



Pajaro Levee Peak Flows – Jan 16





Summary and Next Steps

- Pajaro flood preventative measures and flood fighting kept the community safe during high peak flow events
- Thresholds for monitoring and floodstage for the Pajaro River do not reflect current conditions and should be re-evaluated by River Forecast Center to consider thresholds reflecting current flow conditions
- Longer term repairs and rehabilitation are being considered under the USACE PL 84-99 Program and evaluating efficacy of additional repairs

