

December 15, 2016

Preliminary Storm Data Assessment

Nokomis Ave Bridge

PRESENTATION TO FLOOD CONTROL ZONE 9 ADVISORY BOARD
DECEMBER 20, 2016



Ross Valley Flood Protection & Watershed Program
RossValleyWatershed.org
Contact us: 415-473-7226; lizlewis@marincounty.org
December 20, 2016

Preliminary Analysis

- Rainfall
 - Kentfield Gage
 - Average = 0.67 in/hr
 - Maximum hourly rate = 0.89 in/hr (3:40 pm)
 - 6-hour accumulation = 3.87 inches (20-year RI)
 - 24-hour total = 4.8 inches
 - San Anselmo Gage
 - Average = 0.43 in/hr
 - Maximum hourly = 0.69 in/hr (12:15 pm)
- Corte Madera Creek (Ross Gage)
 - Maximum Stage = 19.74 feet (5:04 pm)
 - Peak Flow = 3,473 cfs (4-5 year RI)
 - Average rate of rise = 1.6 ft/hr
 - Maximum rate of rise ~ 2 ft/hr



Rainfall, Creek Flow, Tides

