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Service

### NON-COMPETITIVE DIVISION

#### Evolution of Large Event Support in National Weather Service Western Region

The popularity of large pre-planned events such as the Super Bowl have grown over time and is expected to continue to grow into the future. For many of these events, the games themselves are only a small piece of the overall activities leading up to game day with numerous fan activities, concerts, parties and more taking place. As a result, the overall public safety support footprint has increased to meet the demand. This has resulted in the National Weather Service (NWS) having to dedicate more resources in order to support the increasing requests from the core partners. Many times, this support goes beyond what a local NWS office can support. NWS Western Region works with these offices to bring in mutual aid from neighboring offices to supplement support, either in the forecast office or emergency operations centers.

Meteorologists from the NWS integrate with the emergency support functions and play a key role providing decision support for weather impacts. Even when the weather is considered 'quiet', the NWS is ready to support non-weather events such as a HAZMAT incident with dispersion modeling. This poster presentation will cover the evolution of large event

support in NWS Western Region, benefits for embedding meteorologists' eye-to-eye with decision makers in emergency operations centers and a look into the future of support for the years to come.

**Presentation Theme:** The audience will learn the evolution of large event support in the NWS Western Region, the benefits of including the NWS in the planning efforts as well as onsite support in emergency operations centers for pre-planned events.

**Collaborators, Advisor(s) and Department(s) that assisted with this research:** none