



OneRain

The Rainfall Company



Tactical Fire Remote Sensing Advisory Committee (TFRSAC)

Fall 2013 Meeting / Tuesday, November 5, 2013

National Interagency Fire Center (NIFC) Great Basin Training Auditorium

– Boise, Idaho

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Introduction

OneRain's purpose

- ◆ Enable agencies to have real-time and historical knowledge about rainfall and rainfall-related consequences.
- ◆ How: Help build and manage monitoring networks, provide software and professional services.

OneRain history

- ◆ Established 1992, Boulder, CO
- ◆ Created real-time environmental monitoring systems and map-based software for public safety
- ◆ Started in line-of-sight radio ALERT domain – special niche for early flood warning systems

Value we bring

- ◆ We build smart real-time monitoring and decision support systems using
- ◆ Solidly mature tool sets to support the efficient creation and deployment of these systems

How we do it

- 💧 Archive-quality data in real time
 - ☁️ Satellite, IP, ALERT/2, cellular telemetered monitoring networks
 - ☁️ Data collection and management software solutions
 - ☁️ High quality gauge-adjusted radar rainfall data and analysis

How we are used

- Risk management for flood early warning, dam safety, power production optimization, water quality
- Operational control for reservoir and dam operations, stormwater and wastewater management
- Historical data and analysis for modeling, planning

Our customers

- ◆ USBR, BIA, USACE, USGS, NOAA/NWS
- ◆ States, counties, municipalities and special districts throughout the U.S.
- ◆ Reservoir operators & river authorities
- ◆ Energy companies

StormLink™ Monitoring Station



Evolving disruptive solutions

- 💧 Water tracking
- 💧 Fire anticipation and detection
- 💧 Fire tracking

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