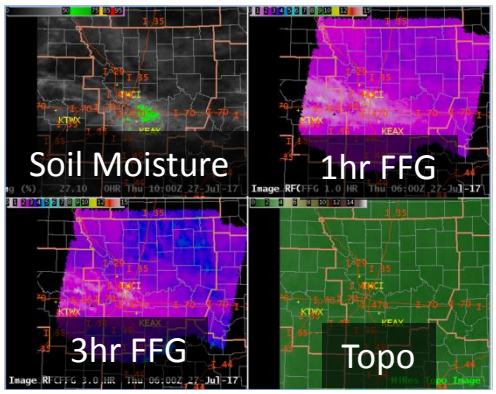
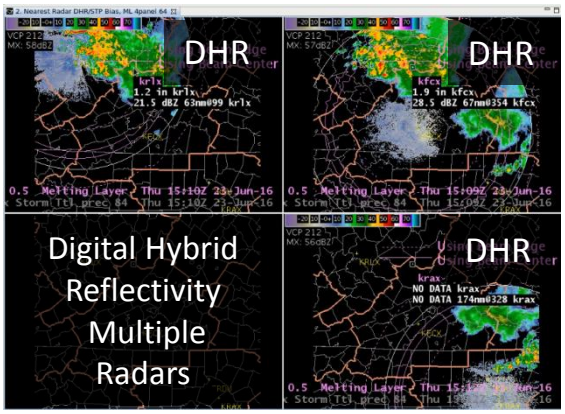
1. “**Crest Soil Moisture 1h 3h FFG topo**”



-- Identify recent soil moisture
-- Identify FFG
-- Identify topography

2. “**Nearest Radar DHR/STP Bias ML"**

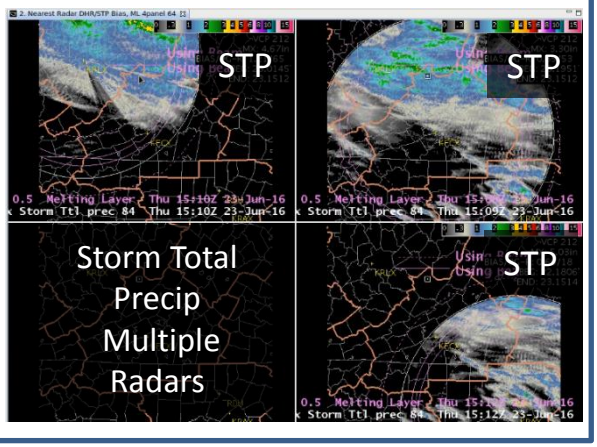


-- Identify nearest radar

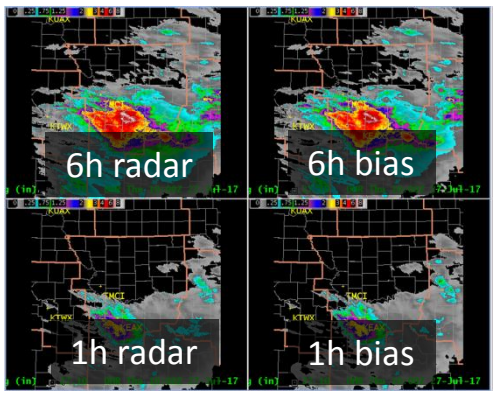
-- Assess ML

-- Storm total accumulation

-- MPE bias #

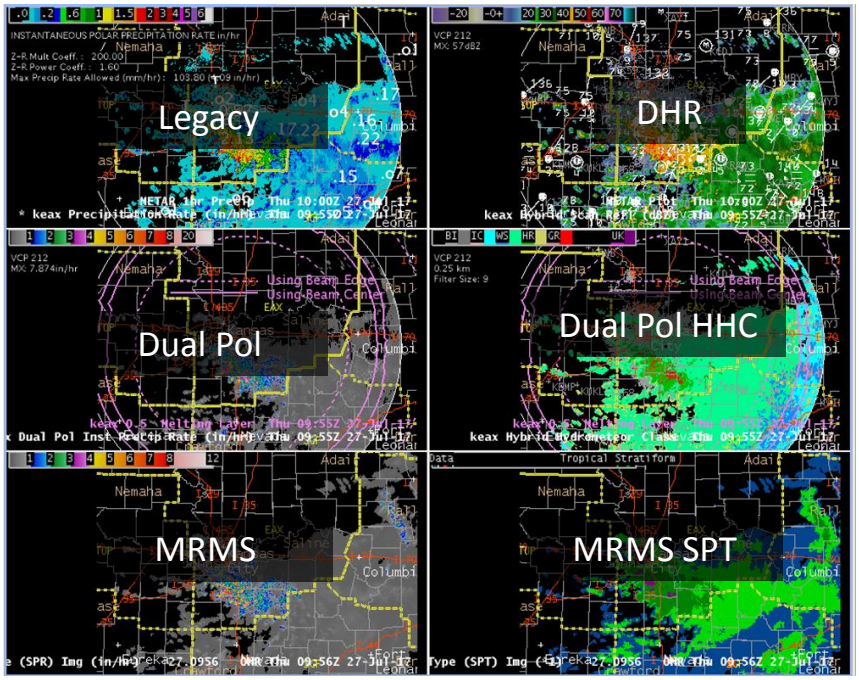


2. “**MRMS Bias Corrected & RadarOnly 6h-1h QPE**”



-- Identify MRMS biases at 6h and 1h

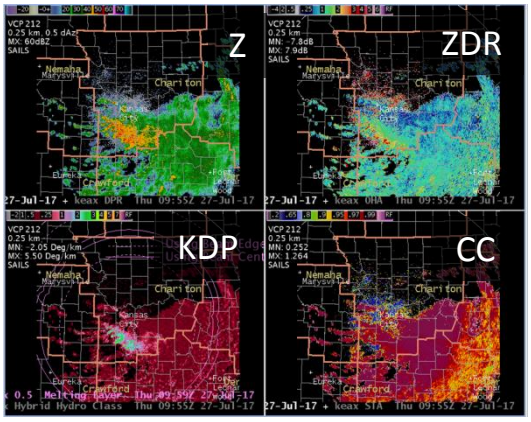
3. "k*** Rate/1hr/Total Leg, DP, MRMS METAR/Mesonet"



Identify precip source differences and precip type

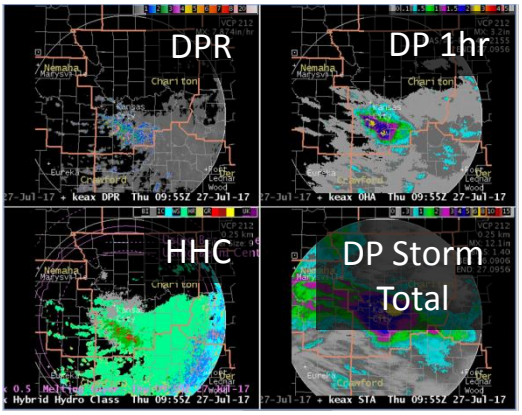
-- 3a **Rate**
Identify heavy rates
-- 3b **1hr**
Compare to METARs
-- 3c **Storm Total**
Compare to Mesonets

4. " k*** **DP 0.5 Z/ZDR/CC/KDP + DPR/OHA/STA/HHC**"



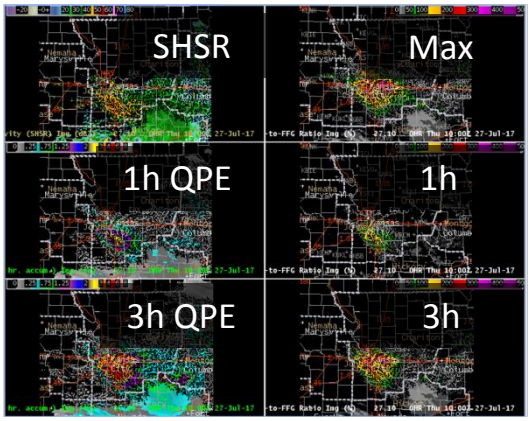
-- Identify single radar heavy rain sig.

-- Assess quality of Dual-Pol estimates



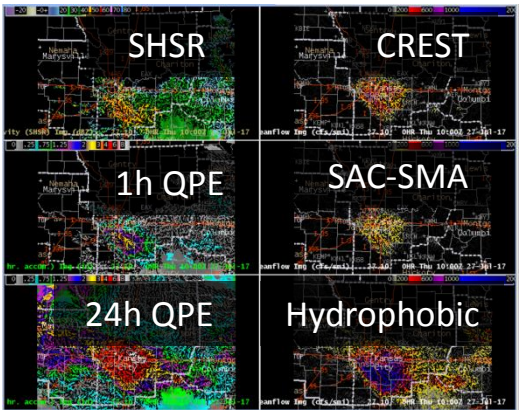
5. " **FLASH Ratio/ARI Max-1h-3h, SHSR QPE 1h-3h**" (left)

5. " **FLASH Streamflow/Unit Crest-SAC-Hydrop, SHSR QPE 1h-24h**" (right)

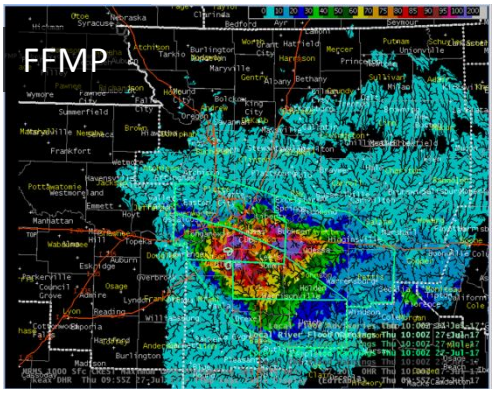


(Left)
-- Identify signif. rainfall

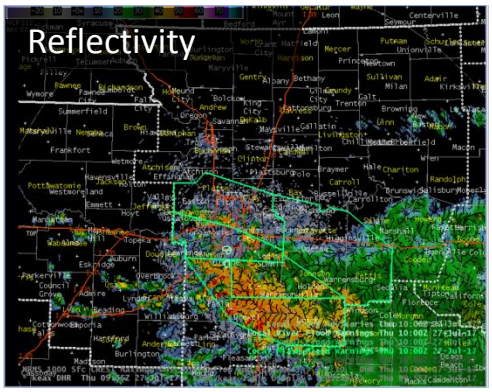
(Right)
-- Assess model output



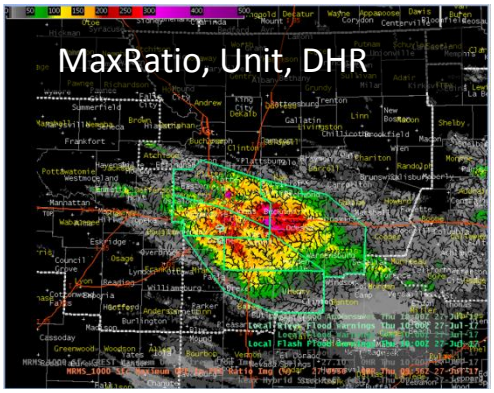
6. “**FFMP k*** [source]/DHR, CrestUsf**”



-- QPE, ratio, diff
-- 1h, 3h, 6h
-- Identify evolving threat
-- Identify downstream dir.

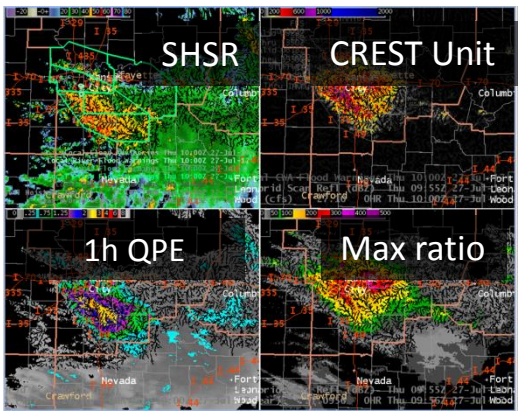


6. “**FLASH MaxRatio, CrestUsf, DHR**”



Identify flash flood threat using:
-- FLASH max QPE-to-FFG ratios
-- CREST Unit Streamflow thresholds
-- DHR evolving storm motion

7. “**FLASH Monitor**"



-- Monitor various FLASH products