



Thank You to Ludlow's MVP/HMP Core Team

- □ Ellie Villano
- Marc Strange
- □ Doug Stefancik
- □ Penny Lebel
- □ Andrea Crete
- □ Paulina Matusik
- □ Brian Shameklis
- □ Jim Goodreau
- □ Jocelyn Zepke
- Seth Falconer



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Today's Agenda



Presentation: Overview of workshop goals, MVP program, climate change, and Ludlow natural hazards



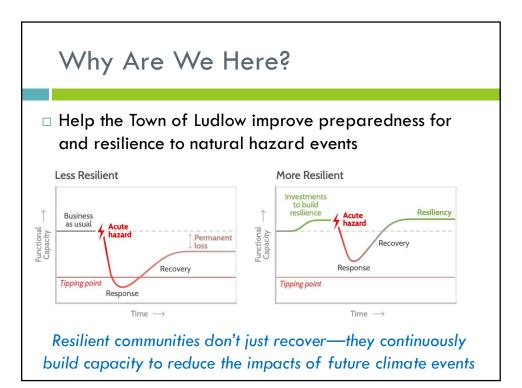
Group exercise: Review and finalize list of mitigation actions

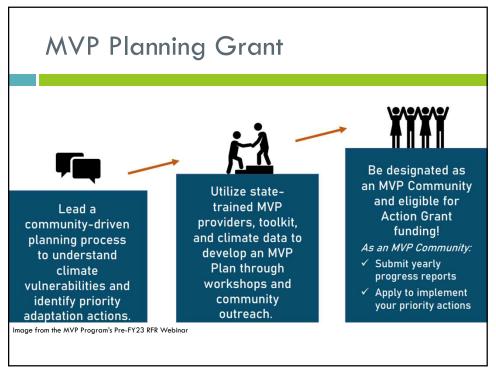


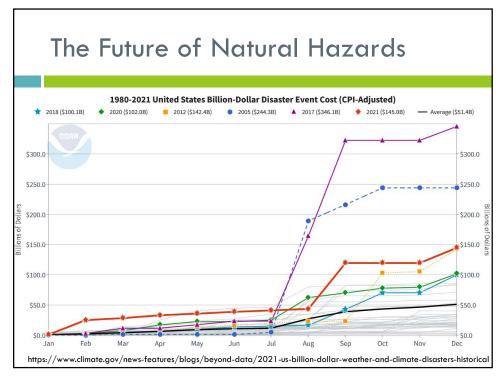
Group exercise: prioritize mitigation actions



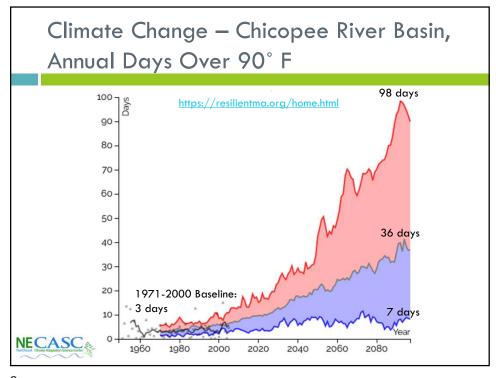
Wrap-up and next steps

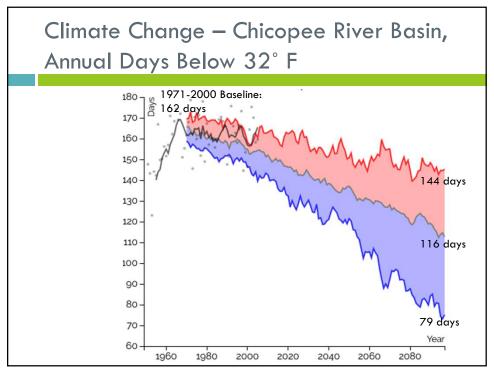


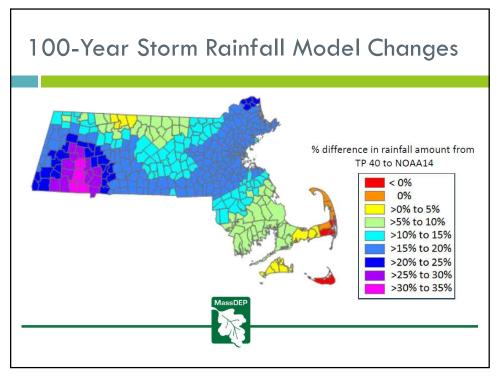


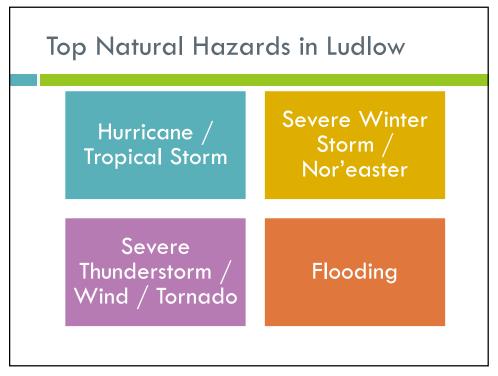


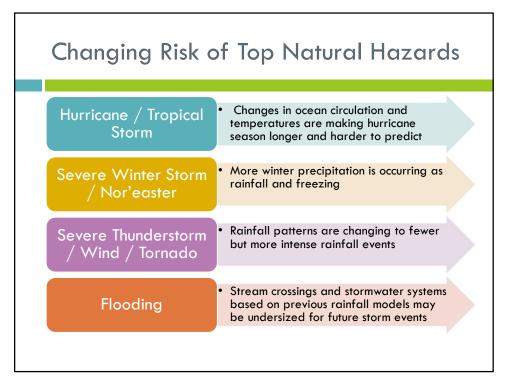
Climate Change - Statewide					
Massachusetts Climate	Observed Changes	Projected Changes by 2090			
Temperature	2.9° F since 1895	7.2° F annual average			
Growing Season	15 days since 1950				
90° Days		134 days annually			
Sea Level Rise	11 in since 1922	4 to 10.2 ft above MSL			
Heavy Precipitation	\$55% since 1958	147% annually			

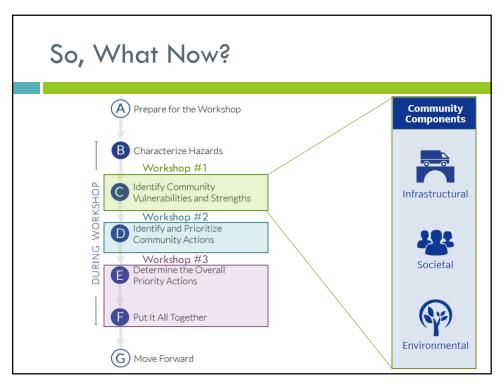




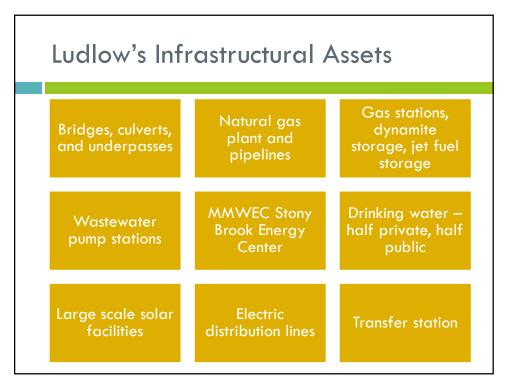


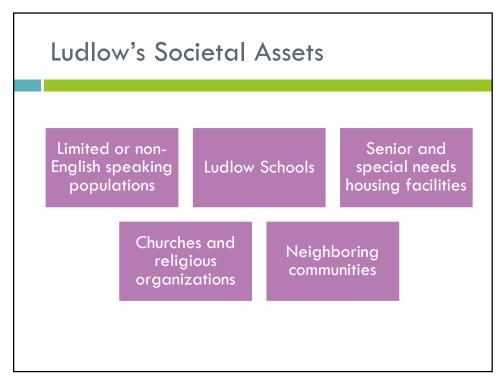


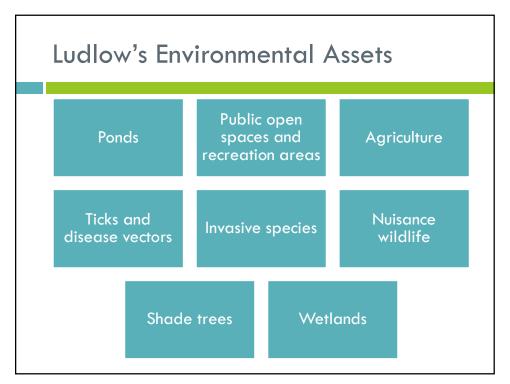




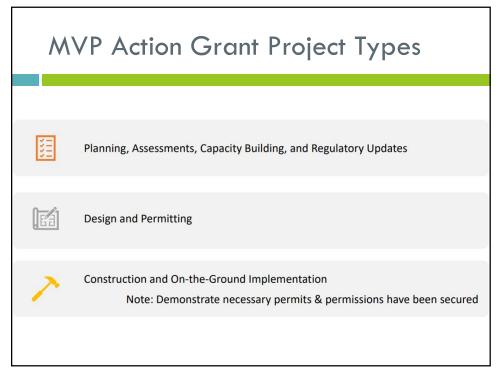
Infrastructure Assets						
Dam Name	Owner	Hazard Rating	Condition per ODS ¹	Notes		
Ackerman Upper Pond Dam	Private	N/A	N/A	Non-jurisdictional ²		
Alden Pond Dam	Camp Alden Association	Low	Fair			
Cherry Valley Dam	swsc	High	Satisfactory	Most recent EAP 3 in 2019, SWSC in process of combining 4		
Collins Pond Dam	Private	Significant		FERC (hydroelectric) ⁵		
Gauthier Pond Dam	Edward & Nancy Gauthier	Low	Poor			
Harris Pond Dam	Town of Ludlow	Significant	Fair	Most recent EAP in 2020		
ndian Orchard Dam	Private	High		FERC (hydroelectric)		
udlow Manufacturing Association Dam	Private	High		FERC (hydroelectric)		
udlow Reservoir Dam	swsc	High	Satisfactory	Most recent EAP in 2019, SWSC in process of combining		
Nash Hill Reservoir Dam	MWRA	N/A	N/A	Non-jurisdictional		
Red Bridge Dam	Private	High		FERC (hydroelectric)		

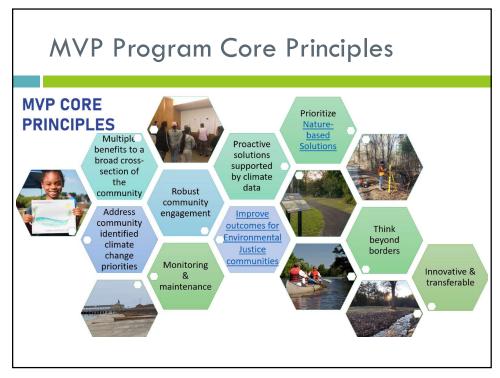


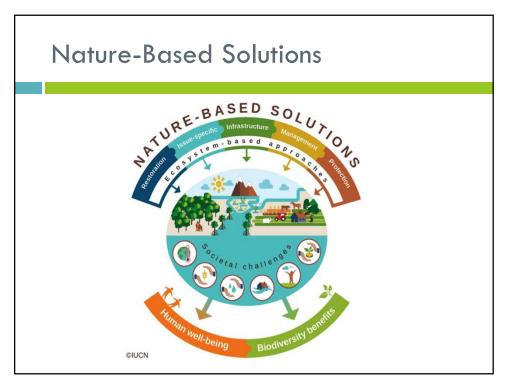


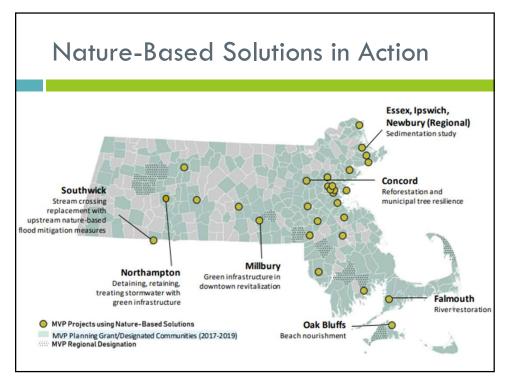












Projects That Are Not MVP Competitive

- Diesel generators
- Tree removal
- FEMA HMPs
- Academic studies that are not directly linked to implementation
- Feasibility or design of solar or solar + battery systems (installation ok)
- Emergency preparedness projects that don't incorporate climate projections/planning
- Projects that repair to previous conditions without consideration of climate projections

Group Exercise:

Finalize and Prioritize Mitigation Actions

- □ Review and finalize list of mitigation actions
- Determine priority and timeframe



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Wrap-Up and Next Steps

Core Team will continue to meet to finalize draft MVP/HMP Plan

Public listening session will be held in May/June to get input on mitigation actions and priorities

MVP/HMP Plan will be finalized and submitted

