



2017 SOLAR ECLIPSE

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2017 SOLAR ECLIPSE - SITUATION

A Solar Eclipse will occur on
Monday, August 21, 2017.

The Eclipse will stretch from
Salem, Oregon to Charleston,
South Carolina.



2017 SOLAR ECLIPSE – PLANNING CRITERIA

- Criteria
 - Determine Concerns
 - Determine Likelihood of Concerns
 - Determine Potential Impact of Concerns
 - Determine Possible Methods of Addressing Concerns



2017 SOLAR ECLIPSE

- Statewide Concerns
 - Vehicle Crashes
 - Vehicles Stopping on Roadway
 - Congestion
 - Distracted Drivers
 - Weather Conditions
 - Rest Areas
 - Eye Damage (Personnel)



2017 SOLAR ECLIPSE

- Southern Illinois Based Concerns
 - Additional Traffic & population Due to Event
 - Higher Likelihood of State-wide Concerns due to Eclipse & Length of Events (i.e.) Festivals, Fairs, NASA, Harley Davidson Event, Moonstock
 - Communication Problem – Cellular
 - Staffing



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- Possible Method of Addressing Concerns (Transportation)
 - Public Service Announcements
 - Message Boards
 - Construction/Lane Closure Disallowed
 - Have Traffic Operations Managers Ready to Deploy Road Closures or Detours
 - Roving Patrols
 - Allocation of Other Statewide District Resources



2017 SOLAR ECLIPSE

- Coordination
 - Conference Calls/Meetings with Districts in Total Eclipse Path
 - Information Given to All Districts
 - Law Enforcement
 - Natural Resources
 - Emergency Management Agency
 - Tow Truck Operations
 - County Highway Officials
 - Communications/Mobile Operations
 - Evacuation Planning (Cities)



2017 SOLAR ECLIPSE

- Mission
 - The State of Illinois will Engage in Preparedness and Pre-Planning Activities Immediately to Address Risks, Vulnerabilities and the Consequences of Incidents During the Period August 18-22, 2017.



2017 SOLAR ECLIPSE

- Execution
 - Intent
 - To Direct the Multi-jurisdictional, Multi-authority Collaborative Preparedness Efforts Necessary to Prepare for Events Associated with the 2017 Solar Eclipse in an Effort to Reduce the Potential for Injuries a& fatalities, and Increase the Delivery of Life Essential or Critical Services.



2017 SOLAR ECLIPSE – OPERATIONAL STRUCTURE

- Structure
 - Four Command & Control Locations will be Established to Maintain situational Awareness, Address Resource Requests and to Provide Timely Response to Event Specific Incidents
 - State Emergency Operations Center (SEOC)
 - State Unified Area Command (SUAC)
 - State Area Command (SAC) (2)



2017 SOLAR ECLIPSE

- State Agency Authority
 - Emergency Management
 - Transportation
 - State Police
 - Secretary of State Police
 - Public Health
 - Natural Resources
 - National Guard
 - Commerce Commission
 - State Fire Marshall
 - Innovation & Technology



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- Mutual Aid Authority
 - Illinois Emergency Services Management Association (IESMA)
 - Illinois Law Enforcement Alarm System (ILEAS)
 - Mutual Aid Box Alarm System (MABAS)
 - American Red Cross (ARC)
 - National Weather Service (NWS)



2017 SOLAR ECLIPSE

- Civil Considerations
 - Cultural Following
 - Eclipse Observers Will Travel Great Distances
 - Unfavorable Viewing Conditions – Observers Will Move
 - Many Observers Will Travel Without Planned Lodging
 - Many Observers Will Attend Eclipse Related Events as Well



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- Assumptions
 - Un-validated Attendance
 - Lodging in Area at Capacity
 - Interruptions in Responder and Public Communications
 - Primary, Secondary & Tertiary Roadways Will be Blocked, Due to Viewing
 - Emergency Response Will be Delayed
 - Public Health & Medical Services Will be Stressed



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- Assumptions Continued
 - Sheltering, Cooling Centers & General Humanitarian Aid/Relief Will be Stressed
 - Mutual Aid Will be Required
 - Acts of Civil Disobedience Will Occur – Increase in Population/Events
 - August – Possibility of Severe Weather
 - Extremely Hot & Humid Weather Pattern



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- Assumptions Continued
 - Threat of Earthquake – New Madrid
 - Public Information & Education is Required for Safety Considerations
 - Crises Communications is Required to Ensure Adequate and Timely Warnings to the Public in the Event of Potential Threat or Hazard



2017 SOLAR ECLIPSE

- Concept of Operations
 - Preparedness Efforts will Incorporate:
 - Coordination with State Police & Local Officials
 - Identify Primary & Secondary Routes for Movement Throughout the Area of Operation – Municipalities
 - Ingress/Egress for Emergency Response Vehicles
 - Identify Signage Necessary to Inform Motoring Public
 - Identify Issues and Concerns Preventing Effective Response and Recovery



2017 SOLAR ECLIPSE

- Concept of Operations Continued
 - Determine Resource Locations & Allocations to Support Extended Operations – Mobile Emergency Operations Center (MEOC)
 - Identify Key Personnel for Command Structure
 - Identify Traffic Management Personnel – Roving Patrols (?)
 - Coordinate Public Information & Messaging with the State Emergency Operations Center
 - Coordinate Movement of Oversize Loads – Trucking Industry



2017 SOLAR ECLIPSE

- Sustainment
 - Agencies Must be Prepared to Notify, Activate, Deploy, Coordinate, Implement Mission Assignments and Sustain Resources, to Include Potential for 24/7 Operation
 - Resources Deployed to Forward Operational Elements Should Be Prepared to:
 - Have Resources Back-filled
 - Self-sustain for a Period of 72 Hours
 - Live Off the Economy in Assigned Areas of Operation



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- Demobilization
 - Resources are the Responsibility of the Owner Agency from Point of Departure to Point of Arrival at Home Base



2017 SOLAR ECLIPSE

- Training/Exercise
 - Training Meetings Conducted by the State Emergency Management Agency on a Monthly Basis with Regional Coordinator's
 - Tabletop Exercise 7/26-27/17 State Unified Area Command in Conjunction with the Byron Nuclear Facility Exercise



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QUESTIONS ?

THANK YOU