



Lesson 3.3d

Other Analytical Tools and Interpretation

Content

- Introduction
- Analytical Tools
 - Timeline
 - Time Event Chart
 - Event Map
 - Association Matrix
 - Link Diagram
- Practice timeline tool

Learning Outcomes

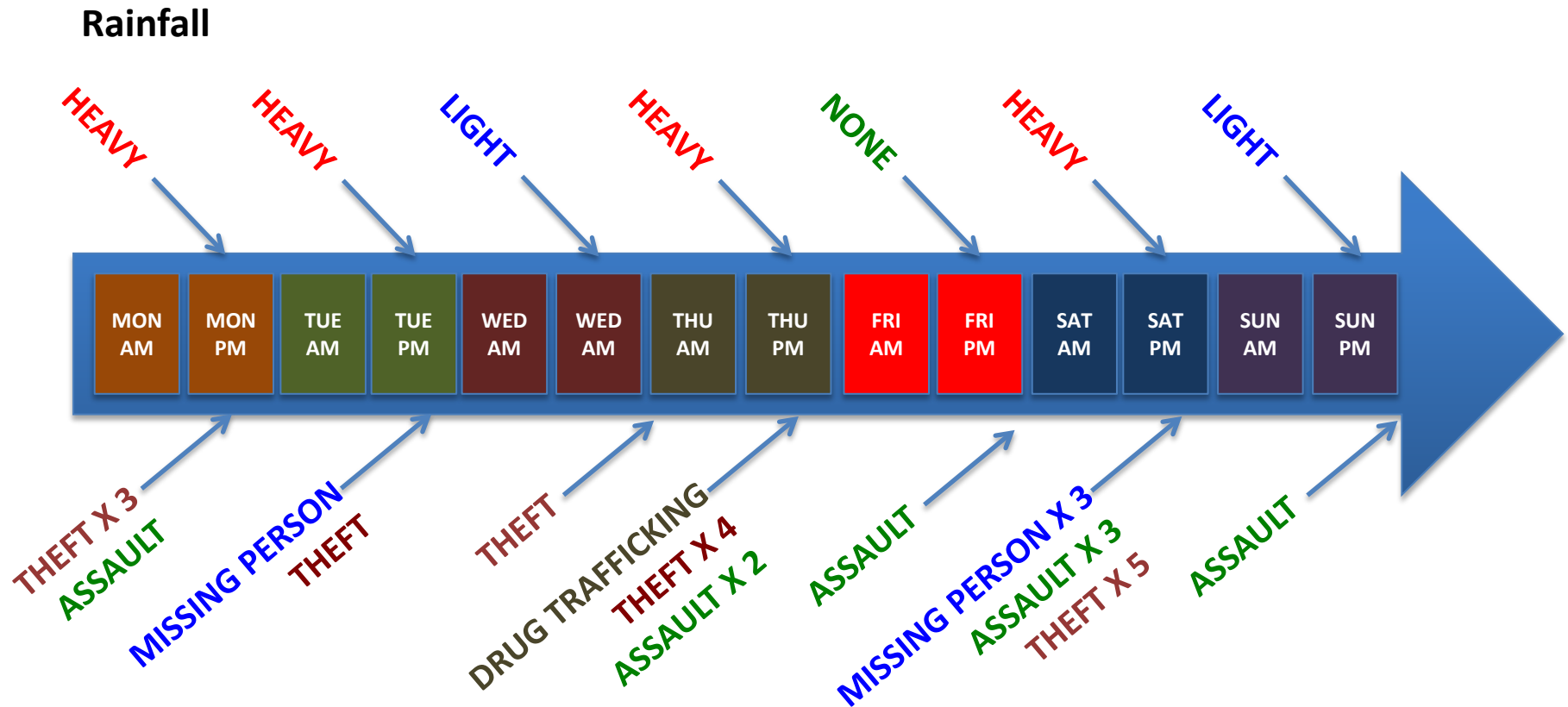
- Explain a range of analytical tools
- Make deductions from analytical tools

Introduction

- Analytical tools assist us to see information from different perspectives
- There are different tools other than 3-column format
- Graphical tools help us absorb information quickly and give us briefing tools
- Two key categories of graphical tools:
 - Pattern analysis-Timeline, Time Event Chart, Event Mapping
 - Link analysis- Association Matrix, Link Diagram

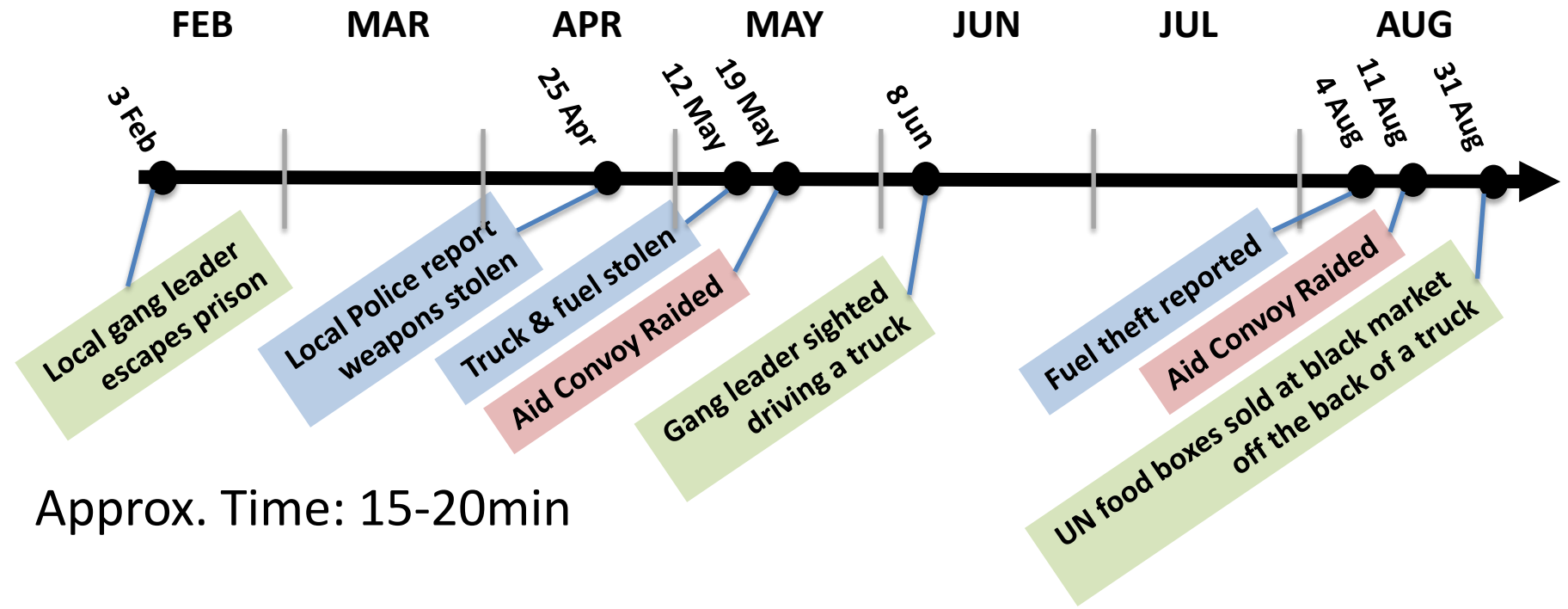
Timeline

Timelines shows information in a sequential to reveal patterns by time



Timeline Exercise

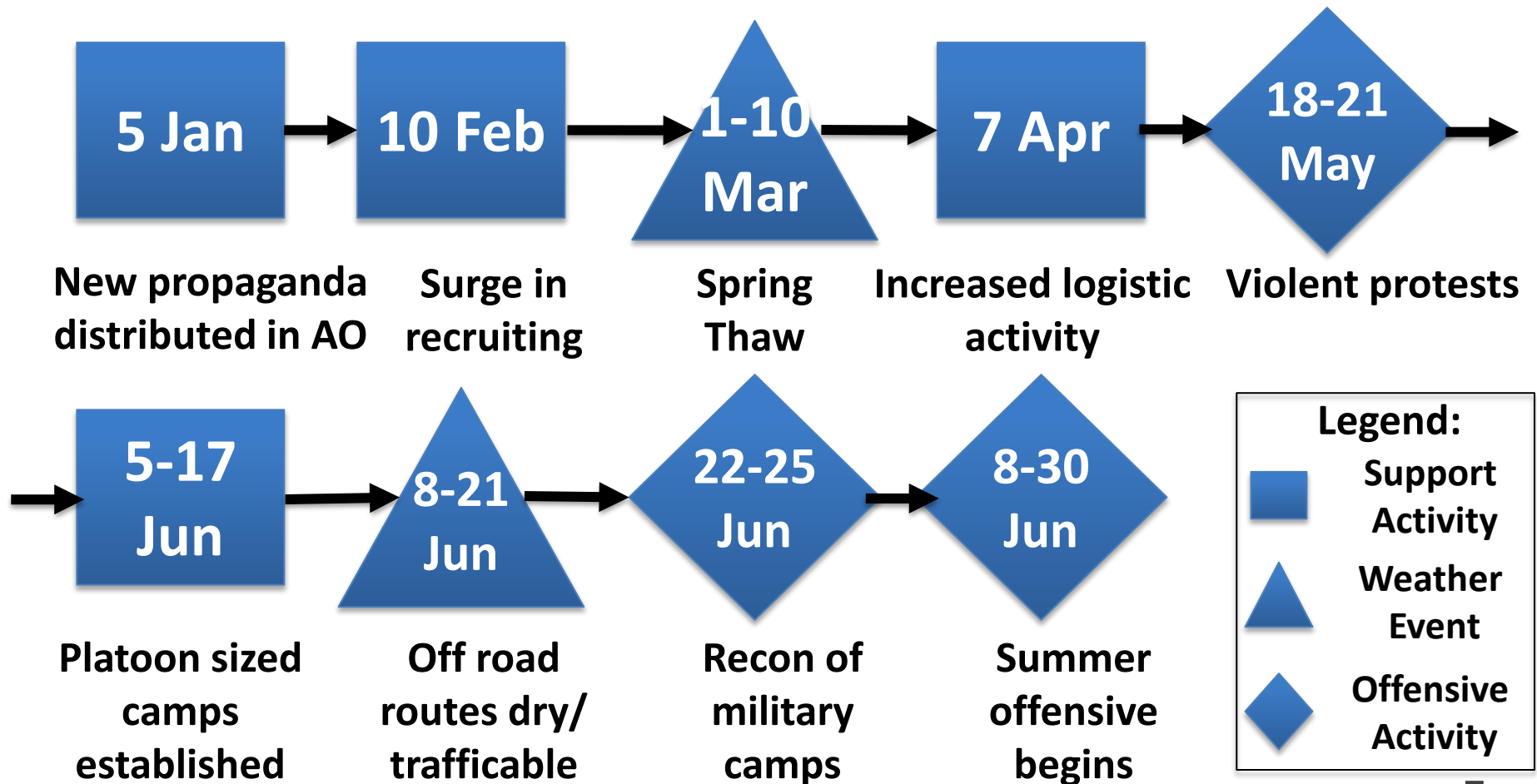
Task: What assessments can you make from the timeline?



Approx. Time: 15-20min

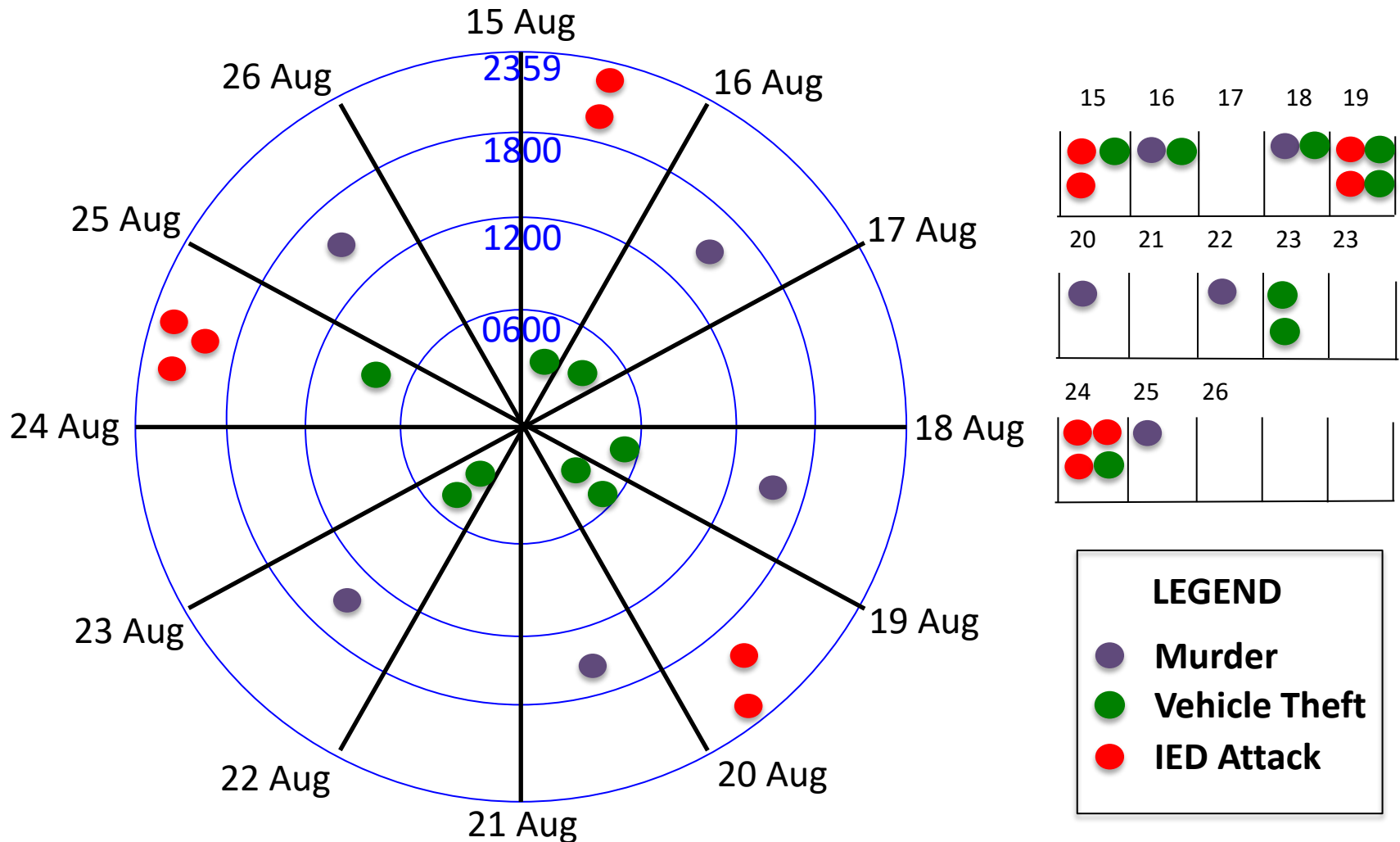
Time Event Chart

Time Event Charts expands on a timeline and orders events to reveal more complex patterns



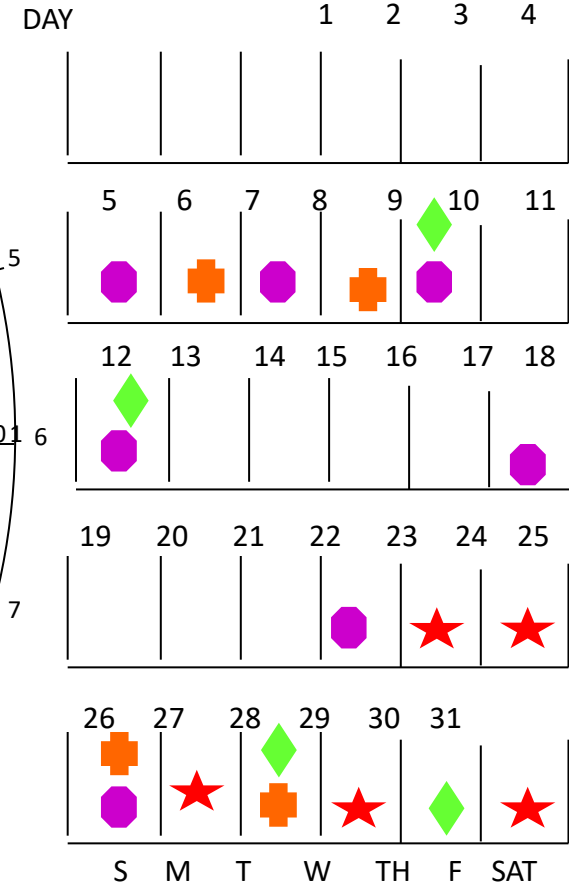
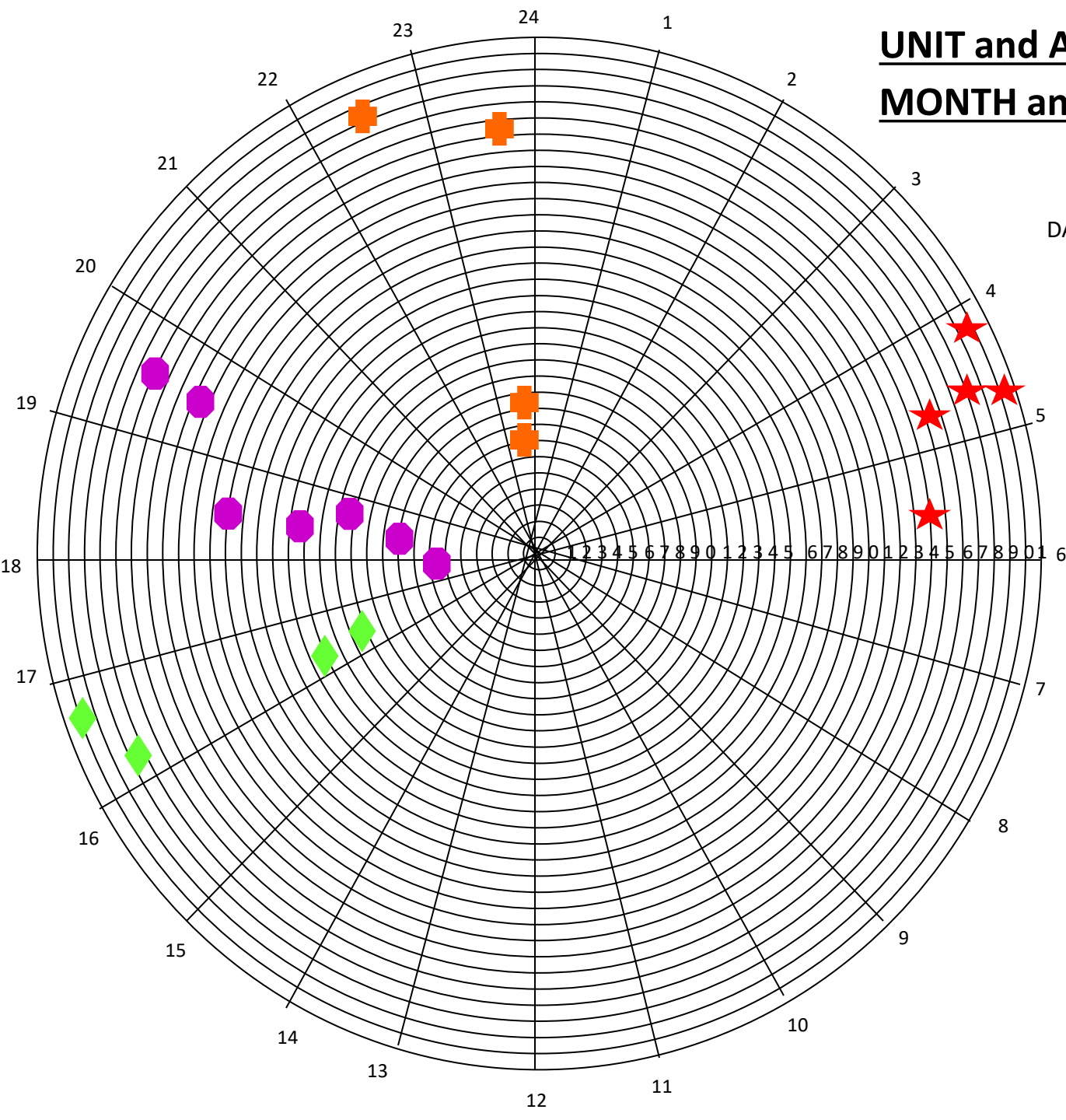
Time Event Chart

Pattern Analysis Plot Sheet displays events over time



UNIT and AREA: UN 1/AO PATTERN

MONTH and YEAR: JAN 1998



LEGEND

A: AMBUSH

B: BOMBING

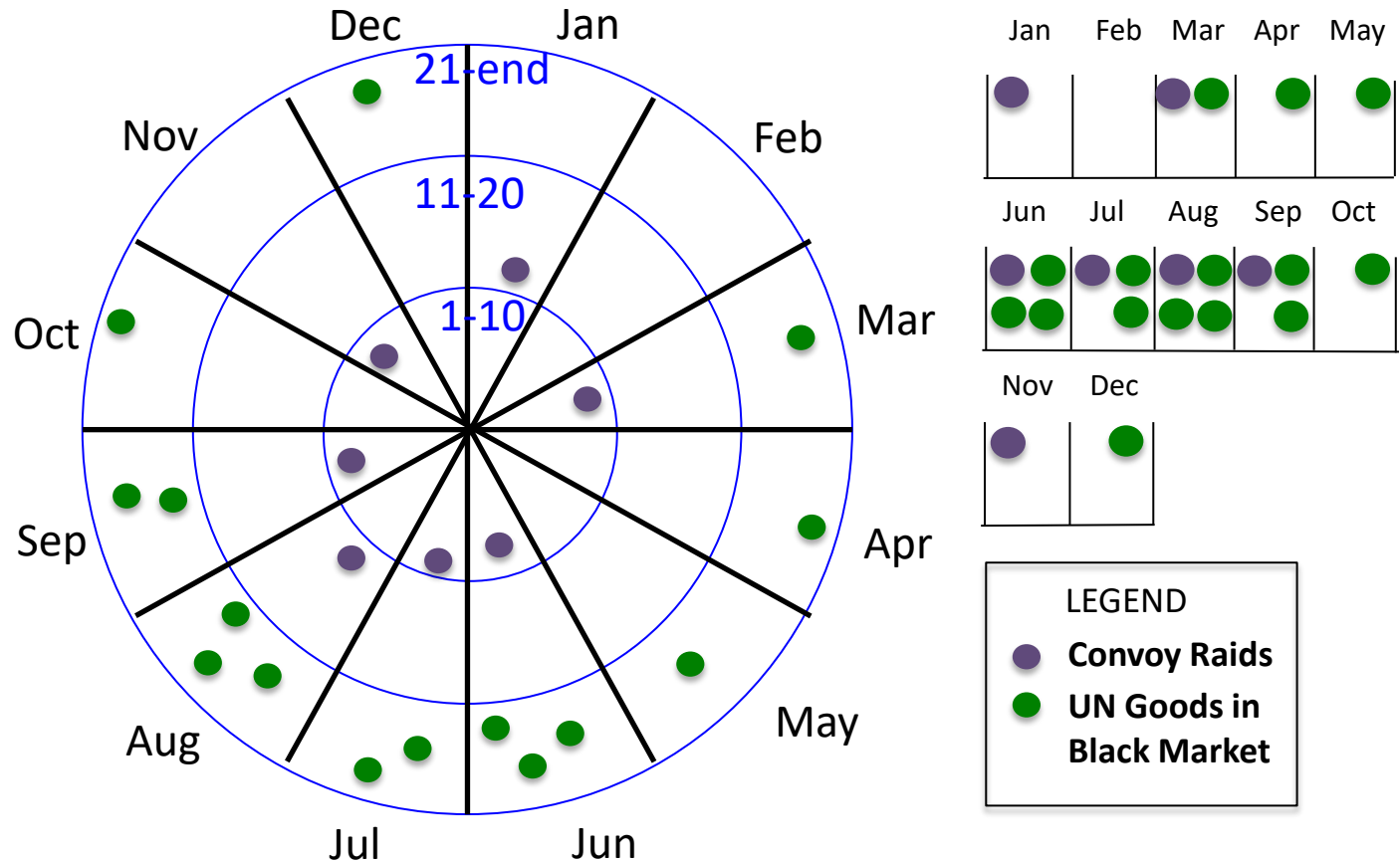
M: MURDER

K: KIDNAP



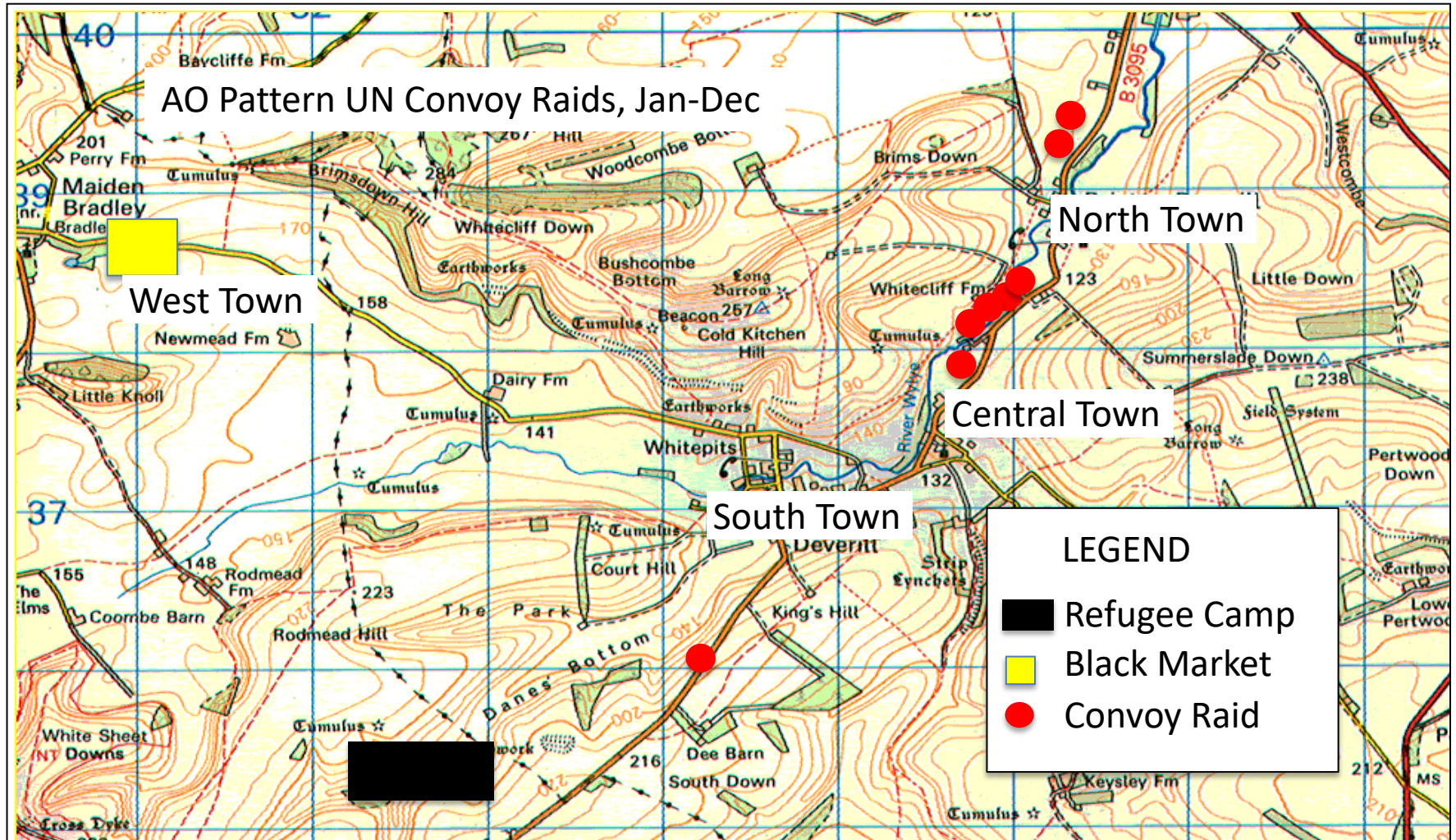
Time Event Chart Exercise

Task: What quick assessments can you make from this Time Event Chart?



Event Map

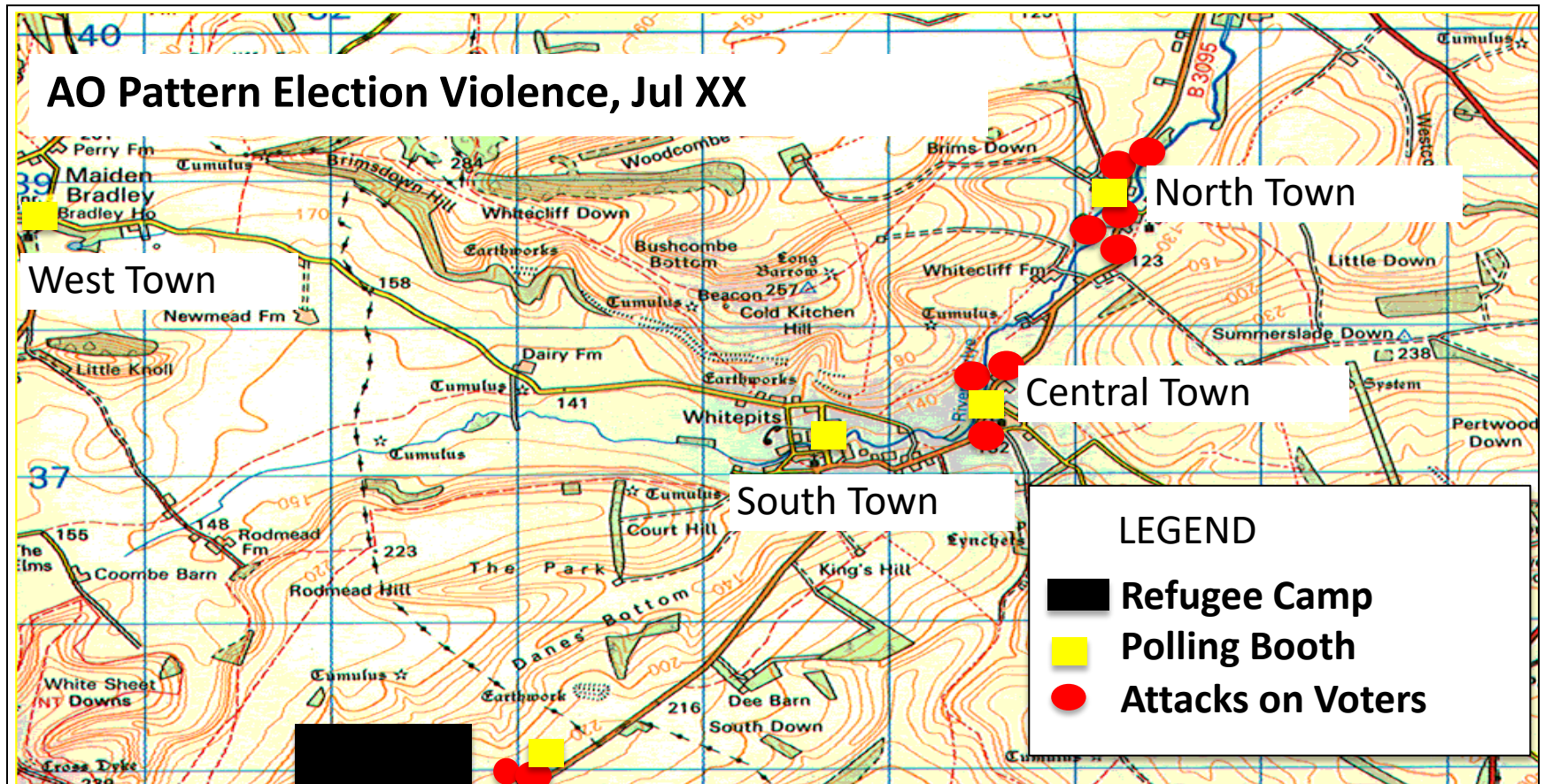
Event Maps show patterns in event types and locations



Event Map Exercise

Task:

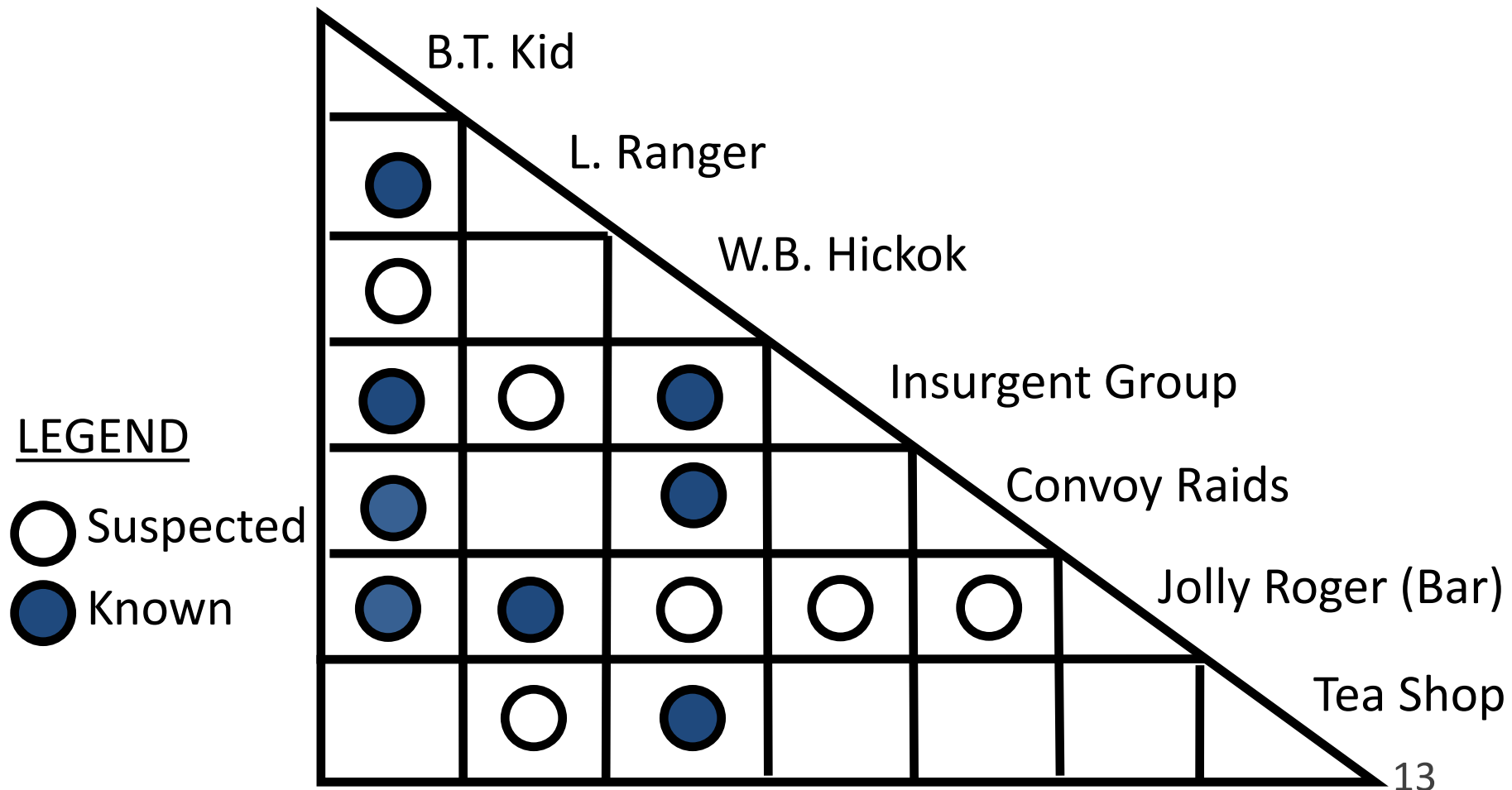
What quick assessments can you make from this Event Map?



Time: Consider 3 minutes, answer 2 minutes

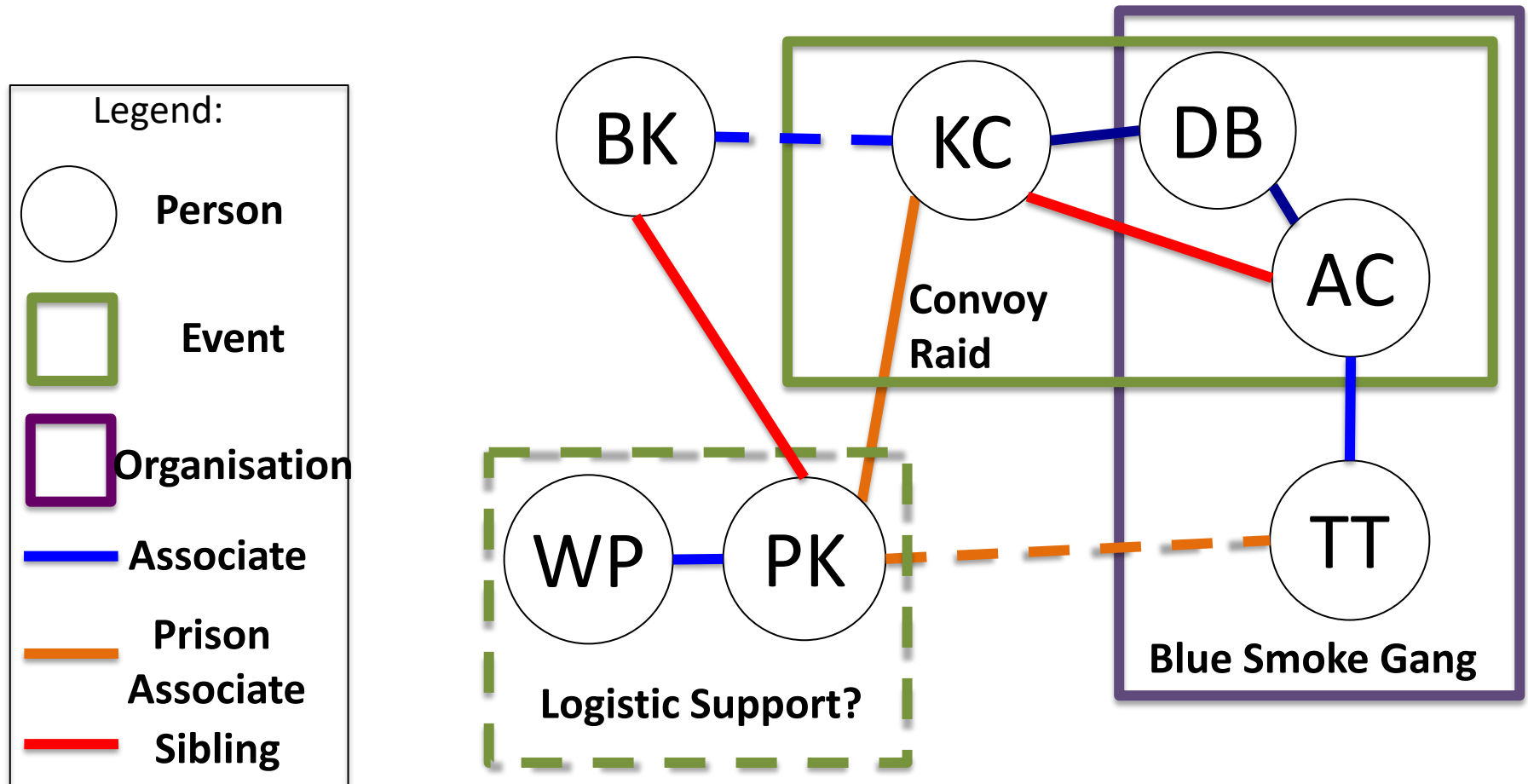
Association Matrix

A simple Link Analysis tool that shows relationships between entities, equipment, places and/or events



Link Diagram

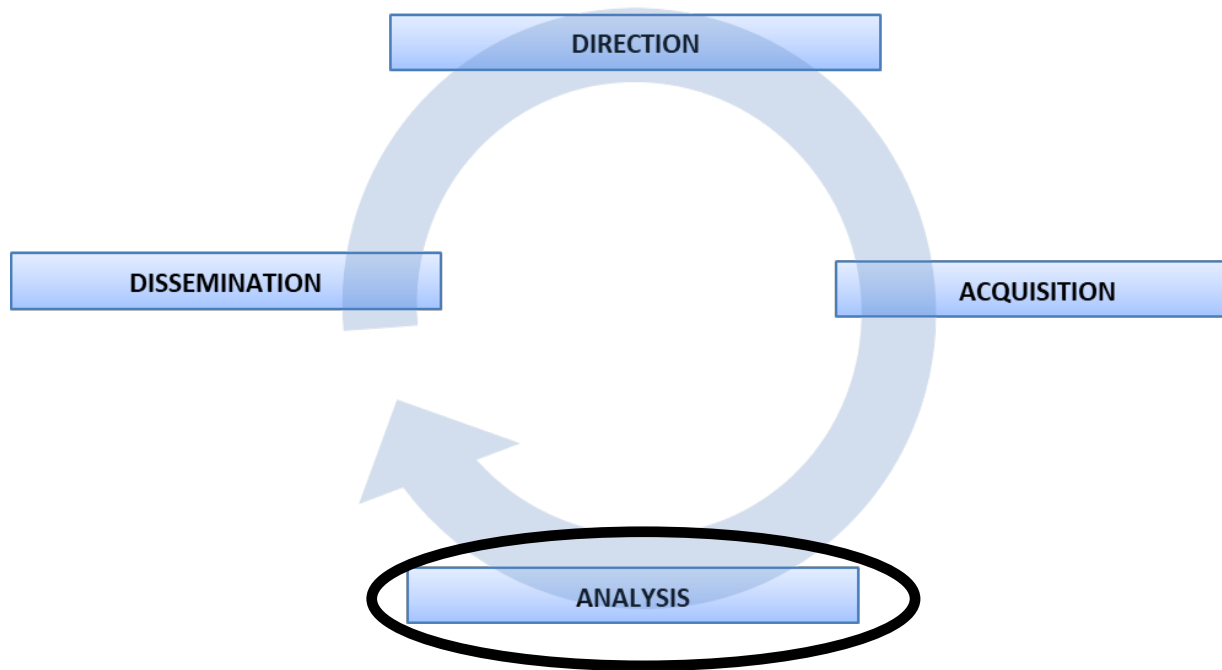
Displays linkages between entities, individuals, organizations, events



Additional Analytical Tools

- You have been exposed to a small number of possible tools
- Explore additional analytical tools:
 - mind-mapping
 - brainstorming
 - ACH, SWOT analysis
 - COG analysis
 - gender analysis

Analysis & Integration in the MPKI Cycle



- Collation
- Evaluation
- Analysis & integration
- **Interpretation**

Interpretation

COLLATE INFORMATION
(so we can find it)

EVALUATE INFORMATION
(so we know how reliable it is)

ANALYSE INFORMATION
(so we know what it means)

INTEGRATE ANALYSIS
(so we see the wider picture)

INTERPRET NEW ANALYSIS
(so we can give it the right weight)

Interpreting the new peacekeeping-intelligence in the context of what is already understood or assessed to refine predictive assessments

Take Away

- In addition to the 3 Column Analysis tool, Pattern Analysis and Link Analysis include analytical tools:
 - Timeline
 - Time Event Chart
 - Event Map
 - Association Matrix
 - Link Diagram
- Analysts should become conversant with a range of analytical tools in order to provide the best possible analysis to decision makers
- The final step in the Analysis Phase is to interpret new intelligence, relating it to previous assessments

Questions

